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Audubon FIELD NOTES

Vol. 11, No. 2

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In Collaboration With the United States Fish and Wildlife Service

A bimonthly magazine devoted to reporting the distribution, migration and abundance of birds

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Cover Photograph of Brewer's Blackbird by Allan D. Cruickshank

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Fifty-seventh Christmas Bird Count

Edited by Allan D. Cruickshank

NUMEROUS enthusiastic letters were received by the editor of the Christmas Bird Count this year from all sections of the United States and Canada. They reemphasize the fact that many people consider this project to be the most exciting bird-watching activity of the entire year. Some called it "the greatest stimulation to birding," "the activity that annually excites our club most," "the world series of bird-watching," and "the most worthwhile and stimulating cooperative bird-watching project invented."

I feel it is safe to say that the Christmas Bird Counts serve as a fairly accurate barometer of popular interest in bird study in the United States and Canada. This year interest reached an all time high. A record-breaking 535 counts were published: 37 more than the year before. An analysis of these counts could fill volumes. Limitation of space forces the editor to present only a few observations.

Joseph Beatty and Roger Troutman probably set a record for enthusiasm and endurance by participating in 12 counts: 4 in Ohio, 2 in Pennsylvania and 6 in Maryland. During count period they traveled over 2000 miles by car, walked more than 50 miles, and got by with a minimum of sleep. They feel it was an exciting and memorable experience, but admit the end of the period found them exhausted, and declare they will never try it again.

Only the following 8 counts listed 140 or more species:

Cocoa, Fla.	186
San Diego, Calif.	179
Laguna Atascosa National Wildlife Refuge, Tex.	176
Wilmington, N. C.	158
Los Angeles, Calif.	147
Coot Bay, Fla.	146
Sabine National Wildlife Refuge, La.	143
St. Marks, Fla.	142

There would have been many more lists above 140 if it had not been for the heavy rains and high winds that swept many areas on the day of the count. Of course, the number of high counts would soar if sections of our southern coast could equal the quantity of alert competent observers now concentrated in densely populated northern areas. I know of four 15-mile diameter circles on the east coast of Florida not covered at present which surely would produce over 160 species if sufficient manpower were available.

The marked flight of Arctic and Three-toed Woodpeckers into southeastern Canada and northeastern United States was impressive. Most of these reports came from Ontario and New York. Fifteen localities reported the Arctic and three the Three-toed. Rochester, N. Y. topped all others by reporting a total of 6; 5 Arctic and 1 Three-toed. As interesting as the flight itself is the fact that most reports mentioned the tendency of the birds to concentrate on diseased or dead elms.

Each year one is led to speculate on whether the many reports of essentially western species occurring in the East reflects a recent tendency of these birds to wander eastward, or merely indicates more thorough coverage by more and more thoroughly trained observers. As usual there were a good number of reports of Western Kingbirds, Dickcissels, Leconte's Sparrows and Oregon Juncos. But this year the numerous reports of more unusual western species suggests an extraordinary movement. Black-headed Grosbeaks were reported from Long Branch, N. J. and Pensacola, Fla. Two Western Tanagers were reported at both Cape Cod, Mass. and Brooklyn, N. Y., and one at Falmouth, Mass. Bullock's Orioles were found at Ware, Mass. and Newport, R. I. Harris's Sparrows were seen as far east as Deer Creek, Pa.; Louisville, Ky. (2); and Nashville, Tenn. A Say's Phoebe was collected at Little Creek, Va.; a Rock Wren at Memphis, Tenn.; a Spotted Towhee in southern Nassau County, N. Y.; and a Green-tailed Towhee at Madison, Wis. Green-tailed Towhees were also reported from Memphis, Tenn. and from Alice and Houston, Tex.

In winter, Florida always has some birds formerly considered primarily western. This year among others we find reports of 10 Scissor-tailed Flycatchers at Key West, 34 Lark Sparrows at Sarasota, and 14 Fulvous Tree-ducks at Cocoa.

Highest Counts For Each State or Province

State or Province	*Number of Counts*	*Highest Count*
Nova Scotia	4	Cole Harbour-Chezzetcook (48)
Quebec	4	Montreal (30)
Ontario	17	Hamilton (73)
Saskatchewan	3	Regina (22)
Alberta	1	Edmonton (25)
Maine	3	Acadia National Park (53)
New Hampshire	4	Coastal New Hampshire (41)
Vermont	4	Burlington (37)
Massachusetts	14	Cape Cod (116)
Rhode Island	2	Newport, R. I., and Westport, Mass. (117)
Connecticut	9	Westport (98)
New York	35	Bronx-Westchester Region (114)
New Jersey	19	Cape May (130)
Pennsylvania	28	Glenolden (87)
Delaware	3	Bombay Hook National Wildlife Refuge (128)
Maryland	11	Ocean City (139)
District of Columbia	1	Washington (93)
Virginia	16	Little Creek (113)
North Carolina	9	Wilmington (158)
South Carolina	5	Charleston (128)
Georgia	6	Rome (77)
Florida	18	Cocoa (186)
Ohio	32	Buckeye Lake (97)
West Virginia	5	Huntington (66)
Kentucky	6	Louisville (90)
Tennessee	9	Reelfoot Lake (85)
Alabama	4	Mobile (115)
Mississippi	3	Noxubee National Wildlife Refuge (71)
Michigan	17	Detroit (53)
Indiana	14	Indianapolis (66)
Illinois	19	Crab Orchard Wildlife Refuge (77)
Wisconsin	20	Madison (70)
Minnesota	10	Minneapolis (west) (32)
Iowa	14	Davenport (66)
Missouri	5	Weldon Springs (71)
Arkansas	7	Lonoke (79)
Louisiana	4	Sabine National Wildlife Refuge (143)
North Dakota	7	Fargo (27)
South Dakota	9	Rapid City (37)
Nebraska	10	Hastings (44)
Kansas	11	Topeka (67)
Oklahoma	7	Tulsa (74)
Texas	24	Laguna Atascosa National Wildlife Refuge (176)
Montana	5	Billings (42)
Wyoming	3	Casper (40)
Colorado	13	Jefferson County (86)
New Mexico	7	Roswell (84)
Idaho	4	Nampa (50)
Utah	3	Logan (48)
Arizona	5	Phoenix (104)
Nevada	2	Reno (57)
Washington	5	Seattle (103)
Oregon	5	Eugene (88)
California	29	San Diego (179)

In recent years more and more records of Brewer's Blackbirds have been coming from the East. The species is undoubtedly extending its wintering range. This year 110 were reported from Nashville, Tenn.; 250 at Mobile, Ala.; 10 were seen as far northeast as the Bombay Hook National Wildlife Refuge, Del.; and 75 as far southeast as Charleston, S. C. Eared Grebe, Western Grebe, White-fronted Goose, American Magpie, Varied Thrush, Black-throated Gray Warbler, Western Meadowlark, Yellow-headed Blackbird and others could be added to the discussion of western birds recorded in the East.

As interesting as the number of western birds reported were the well-documented reports of essentially summer birds lingering into the winter. Imagine the Yellow-breasted Chat, Common Yellowthroat and Baltimore Oriole in a Nova Scotia winter, male Rose-breasted Grosbeaks in Little Rock, Ark. and Belmont, Mass.; Cape May Warblers at Brecksville, Ohio and southern Nassau County, N. Y.! There are others quite as astonishing. Each winter come reports of such amazing stragglers, each observation usually verified by groups of careful, competent observers. This year the number of such surviving stragglers was undoubtedly doubled due to the mild open autumn and early winter which in some areas averaged 6° above normal.

While the main stations for Cattle Egrets around Lake Okeechobee, Fla. were not censused, reports elsewhere in the state listed 57 at Cocoa, 16 at Loxahatchee, and 14 at West Palm Beach.

In Texas, 23 Whooping Cranes were recorded on the Aransas National Wildlife Refuge and 41,000 Sandhill Cranes on the Muleshoe National Wildlife Refuge.

In the Great Plains area Huron, S. Dak., St. Mary's, Kan. and Norman, Okla. each reported 2 Townsend's Solitaires. Fifteen Mountain Bluebirds were seen at Baldwin, Kan. and 109 at Denton, Tex. Other unusual birds were the Cañon Wren at Rapid City, S. Dak., 2 Rock Wrens at Laguna Atascosa National Wildlife Refuge, Tex., and a White-winged Junco collected at Norman, Okla. At Denton, Tex. Rock Wrens appeared for the first time. Six were observed on count day on the broken rock face of the new Garza-Little Elm Dam, an entirely appropriate habitat. I am informed that this species is now regular also on the rock face of the dam near Austin, Tex. This is another example of how birds not thought to occur in an area often will appear as soon as the right habitat is offered.

Many areas in the West voiced concern over the prolonged drought. Durango, Colo. reported the driest year since 1900. Halstead, Kan. told of the devastating effects of a drought that has lasted for several years. Sinton, Tex. called the drought the worst in recorded history, with every lake and pond dry. Most reports from California complained about the extended dry spell. In many areas lakes were virtually dry while ponds and marshes were non-existent. Even the Sacramento area which a year ago was suffering from the most disastrous floods in history, reported the rainfall during November and December lower than any corresponding period since 1850.

Swainson's Hawks were reported from scattered areas throughout the West, even from the coastal belt. The species was seen at Harper, Wash.; Eugene, Ore.; Los Angeles and two sections of Orange County, Calif. Careful identifications of Swamp Sparrows came from Tomales Bay and Salton Sea, Calif. In exchange for the Oregon Juncos reported from the northeastern states, 4 areas in California reported a total of 6 Slate-colored Juncos. A Blue-winged Teal at Oceanside, 3 at San Diego, and 4 at San Bernardino gave additional eastern flavor to the California reports.

The Christmas Bird Counts serve as a good inventory of our December birdlife. No other month in the year receives such intense wide-spread annual coverage. Unquestionably a few misidentifications slip into the reports, but these are few indeed. Long established counts usually have experienced, conscientious compilers who check and recheck unusual local reports and weed out any doubtful identifications. Subsequently your editor gives each count careful scrutiny and either deletes reports which he considers questionable or by the insertion of [no details—Ed.] expresses dissatisfaction with a report when substantiating details are not submitted for an unusual observation. From time to time I have heard skeptics ask "Why is it rare birds always show up on the Christmas Bird Counts?" The answer is obvious. In most areas more vigorous man-hours of intense observation are concentrated on the Christmas Bird Count than during the average month of the year. Many groups mention arising at 4 a.m. and searching steadily and carefully until sundown, not even stopping for lunch, but eating sandwiches even as they continue to comb fields, woods and swamps. In addition many groups methodically examine every acre in the 15-mile diameter circle weeks in advance trying to locate the hide-outs of as many species as possible for the big day. With such enthusiastic, thorough coverage it is inevitable that most rare birds present in an area are bound to be detected.

Christmas Bird Count Dates

Saturday, December 21, 1957—Wednesday, January 1, 1958

1. **Honolulu, Hawaii** (same area and coverage as last 2 years).—Dec. 23; 6 a.m. to 6 p.m. Overcast a.m., partly cloudy to bright p.m.; temp. 65° to 84°; wind NE, 5-10 m.p.h. Eighteen observers in 5 parties. Total party-hours, 26 (22 on foot, 4 by car); total party-miles, 73 (16 on foot, 57 by car). Laysan Albatross, 3 (on Moku Manu, identified through 'scope by 8 observers); **Black-footed Albatross, 2** (off Sand Island, identified through 'scope by 3 observers); Red-footed Booby, 1000; Brown Booby, 6; Greater Man-o'-war-bird, 35; Black-crowned Night Heron, 2; Am. Widgeon, 2; Pintail, 329; Shoveller, 87; Ring-necked Pheasant, 3; Florida Gallinule, 3; Am. Coot, 245; Am. Golden Plover, 228; Ruddy Turnstone, 115; Wandering Tattler, 15; Sanderling, 41; Black-necked Stilt, 211; **Pomarine Jaeger,** 7 (off Sand Island, identified through 'scope by 3 observers); Hawaiian Noddy, 4; Spotted Dove, 141; Barred Dove, 216; Japanese Tit, 2; Red-billed Leiothrix, 150; Shama Thrush, 4; Elepaio, 25; Mynah, 331; White-eye, 221; Amakihi, 77; **Hawaiian Creeper, 2**; Apapane, **506**; Ricebird, 176; House Sparrow, 109; N. Am. Cardinal, 72; Brazilian Cardinal, 29; House Finch, 101. **Total,** 35 species; about 4500 individuals. (Mockingbird just outside circle on count day.)—Irma Botsford, Neil Case, Robert Cunningham, Florence Durfee, Charles Hanson, Grenville Hatch (compiler), Carol Horning, John H. Horning, Joseph E. King, Unoyo Kojima, Alphonse Labrecque, Harriet Mundy, John Obata, Blanche A. Pedley, Ruth R. Rockafellow, Al Stoops, Hazel Walsh, Lillian Williams (Hawaii Audubon Society and guests).

2. **Cole Harbour–Chezzetcook, Nova Scotia** (7½-mile radius around Mineville: Highway No. 7, Dartmouth to Porters Lake and roads connecting Cole Harbour, Lawrencetown, Wedge Island, Seaforth and Chezzetcook; mixed second–growth woodland 45%, salt water 30%, fresh water 10%, marsh 10%, farms and settlements 5%).—Dec. 22; 7:30 a.m. to 4:30 p.m. Clear, cloudy intervals; temp. 15° to 20°; wind NW, 10-25 m.p.h.; ground free of snow, fresh and brackish water mostly frozen. Nine observers in 5 parties. Total party-hours, 30 (7 on foot, 23 by car); total party-miles, 104 (9 on foot, 95 by car). Common Loon, 6; Red-throated Loon, 5; Red-necked Grebe, 7; Horned Grebe, 16; Gannet, 3; European Cormorant, 1; Canada Goose, 225; Black Duck, 200; Pintail, 3; Am. Golden-eye, 5; Buffle-head, 8; Old-squaw, 12; Common Eider, 40; White-winged Scoter, 4; Am. Merganser, 3; Red-breasted Merganser, 32; Rough-legged Hawk, 1; Bald Eagle, 2; Ruffed Grouse, 3; Purple Sandpiper, 64; Great Black-backed Gull, 50; Herring Gull, 500; Ring-billed Gull, 4; **Black-headed Gull, 6** (regular past 2 winters); Short-eared Owl, 1; Horned Lark, 16; Gray Jay, 4; Blue Jay, 3; Common Raven, 17; Am. Crow, 60; Black-capped Chickadee, 44; Brown-capped Chickadee, 4; Red-breasted Nuthatch, 4; Golden-crowned Kinglet, 36; Common Starling, 975; **Common Yellowthroat, 1** (carefully identified); House Sparrow, 81; Brown-headed Cowbird, 60; Evening Grosbeak, 10; Purple Finch, 1; Common Redpoll, 19; Am. Goldfinch, 31; White-winged Crossbill, 4; Savannah Sparrow, 2; Am. Tree Sparrow, 8; Song Sparrow, 8; Lapland Longspur, 6; Snow Bunting, 12. **Total,** 48 species; about 2608 individuals. (**Yellow-breasted Chat** seen count period.)—C. R. K. Allen (compiler), John Comer, J. A. McCarter, I. A. Macpherson, L. B. Macpherson.

3. **Halifax, Nova Scotia** (7½-mile radius centering on Old Sambro Rd. just north of Henry L., including Halifax, Halifax Harbor, Northwest Arm, shore roads to Sambro, woods roads to Sambro, Prospect Bay, Timberlea; cities, towns, villages 6%, salt water 15%, fresh water 7 %, small farms 7%, open barrens 15%, mixed second-growth woodland, mostly conifer 50%).—Dec. 29; 7:30 a.m. to 4 p.m. Overcast, a little drizzle; temp. 35° to 45°; wind SE to NE, light; ground bare, ponds and heads of inlets frozen, running water and sea open. Sixteen observers, 14 in 4 parties, 2 at feeding stations. Total party-hours, 39 (19 on foot, 16 by car, 4 at feeders); total party-miles, 131 (34 on foot, 97 by car). Red-necked Grebe, 1; Horned Grebe, 3; European Cormorant, 1; Common Eider, 6; **Ruddy Duck, 2** (carefully studied); Red-breasted Merganser, 5; duck (sp.), 1; Sharp-shinned Hawk, 1; Bald Eagle, 1; **Pigeon Hawk,** 1; hawk (sp.), 1; Ruffed Grouse, 3; Glaucous Gull, 4; Iceland Gull, 1; Great Black-backed Gull, 290; Herring Gull, 2250; **Black-headed Gull, 6** (present for month); Black-legged Kittiwake, 2; Dovekie, 1; Hairy Woodpecker, 3; Downy Woodpecker, 9; Gray Jay, 4; Blue Jay, 14; Common Raven, 13; Am. Crow, 56; Black-capped Chickadee, 92; Brown-capped Chickadee, 58; Red-breasted Nuthatch, 2; Am. Robin, 4; Golden-crowned Kinglet, 52; Common Starling, 850; House Sparrow, 210; Brown-headed Cowbird, 1; Pine Grosbeak, 13; Pine Siskin, 2; Am. Goldfinch, 21; White-winged Crossbill, 2; Slate-colored Junco, 8; Am. Tree Sparrow, 9; Song Sparrow, 1; sparrows and finches (sp.), 22. **Total,** 38 species; about 4026 individuals. (Seen count period: Belted Kingfisher.)—C. R. K. Allen, J. Comer, F. Dobson, Mrs. P. Dobson, A. J. Erskine, J. W. Lorimer, I. A. Macpherson, L. B. Macpherson (compiler), W. J. Mills, H. P. Moffatt, T. F. T. Morland, J. C. Morrow, W. F. Take (Nova Scotia Bird Society and friends).

4. **West Middle Sable, Nova Scotia** (from ¾ mile north of Sable River south to Hemeon Head and Matthews Lake; mixed woods, largely coniferous 40%, ocean shore 8%, sheltered brackish water 11%, sand beach 6%, scattered rural community 35%).—Dec. 22; 7:20 a.m. to 5 p.m. Mostly sunny; clouds 2-50%; temp. 22° to 35°; wind N to SE, 2-15 m.p.h.; ground bare, some ponds and small lakes frozen. Two observers in 2 parties (1 stationary). Total hours afield, 9½ (6 on foot, 3½ by bicycle); total miles, 25 (8 on foot, 17 by bicycle). Common Loon, 1; Horned Grebe, 9; European Cormorant, 3; Canada Goose, 28; Mallard, 1; Black Duck, 261; Pintail, 2; Am. Golden-eye, 17; Buffle-head, 14; Common Eider, 2; Red-breasted Merganser, 4; Red-tailed Hawk, 1; Ruffed Grouse, 4; Great Black-backed Gull, 36; Herring Gull, 338; Black Guillemot, 1; Hairy Woodpecker, 1; Gray Jay, 5; Blue Jay, 5; Common Raven,

2; Am. Crow, 41; Brown-capped Chickadee, 7; Am. Robin, 1; Golden-crowned Kinglet, 7; Common Starling, 5; House Sparrow, 13; **Baltimore Oriole, 2**; Pine Grosbeak, 1; Ipswich Sparrow, 1; Slate-colored Junco, 6; Am. Tree Sparrow, 8. **Total,** 31 species; about 827 individuals. (Seen in area count period: Ring-necked Pheasant, Black-capped Chickadee, Myrtle Warbler, White-throated Sparrow, Song Sparrow.) —Harrison F. Lewis (compiler), Laura N. Lewis.

5. Wolfville, Nova Scotia (7½-mile radius centering at Cherry Ave. and Atlantic Railway, including valleys of Gaspereau, Cornwallis, and Canard Rivers, and Habitant and Pereau Creeks, dykelands, shores of Minas Basin; water 15%, dyke pastures 15%, farmland other than dykeland 35%, mixed woodland 33%, towns and villages 2%).—Dec 23; 7:15 a.m. to 4:45 p.m. Overcast, a little snow p.m.; temp. 15° to 22°; wind E, 5-10 m.p.h.; 2-in. old snow, tidal and running water open, still water frozen. Sixteen observers, 12 in 3-5 parties, 4 at feeders. Total party-hours, 57 (22 on foot, 17 by car, 18 at feeders); total party-miles, 187 (36 on foot, 151 by car). Black Duck, 482; Am. Golden-eye, 22; Surf Scoter, 2; Am. Scoter, 30; Am. Merganser, 6; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 4; Bald Eagle, 6; Marsh Hawk, 1; Ruffed Grouse, 5; European Partridge, 5; Ring-necked Pheasant, 43; Wilson's Snipe, 5; Great Black-backed Gull, 161; Herring Gull, 294; owl (Horned?), 1; Yellow-shafted Flicker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 2; Horned Lark, 13; Blue Jay, 14; Common Raven, 59; Am. Crow, 419; Black-capped Chickadee, 1; Brown-capped Chickadee, 12; Red-breasted Nuthatch, 2; Am. Robin, 20; Golden-crowned Kinglet, 28; Common Starling, 1176; House Sparrow, 531; Brown-headed Cowbird, 3; Am. Goldfinch, 82; Savannah Sparrow, 10; Slate-colored Junco, 15; Am. Tree Sparrow, 11; Song Sparrow, 5. **Total,** 37 species; about 3480 individuals. (Seen in area count period: Canada Goose, Glaucous Gull, Evening Grosbeak.)—Mr. and Mrs. A. J. Erskine, Mr. and Mrs. J. S. Erskine (compilers), W. B. Schofield, R. W. Tufts (Nova Scotia Bird Society and friends).

6. Arvida, Que. (15-mile diameter circle centered 2 miles NW of Chute à Caron Dam, including Arvida, Jonquière, Shipshaw, St. Ambroise, St. Charles de Bromé, Pibroc; Precambrian Shield 300 ft. above sea level, mainly covered with spruce, aspen, birch, maple, pine, balsam).—Dec. 30; 8 a.m. to 4 p.m. Clear; temp. −15° to −13.5°; wind NW, 19-22 m.p.h.; 30-in. snow cover. Six observers in 4 parties. Total party-hours, 12 (5 on foot, 7 by car); total party-miles, 76 (6 on foot, 70 by car). Gray Jay, 1; Am. Crow, 3; Black-capped Chickadee, 8; Common Starling, 32; House Sparrow, 20; Snow Bunting, 5. **Total,** 6 species; 69 individuals. (Seen in area count period: Am. Golden-eye, Blue Jay, Red-breasted Nuthatch, Common Redpoll.)—D. T. Austin, P. W. P. Browne, P. Gummer, W. K. Gummer, D. Pearson (compiler), D. Stokes.

7. Hudson Heights–Hudson, Que. (Same area as in 1953 including Como).—Dec. 30; 8 a.m. to 4 p.m. Sunny; temp. −12° to −6°; wind NW, 20-30 m.p.h.; 6-8-in. snow on ground, water frozen. Seventeen observers in 10 parties. Total party-hours, 44 (21 on foot, 4 by car, 19 at feeders); total party-miles, 109 (24 on foot, 85 by car). Sparrow Hawk, 1; Ruffed Grouse, 4; Horned Owl, 1; Hairy Woodpecker, 29; Downy Woodpecker, 20; Blue Jay, 65; Black-capped Chickadee, 141; White-breasted Nuthatch, 29; Red-breasted Nuthatch, 4; Am. Robin, 1; Golden-crowned Kinglet, 2; Common Starling, 152; House Sparrow, 2; Pine Grosbeak, 9; Common Redpoll, 53; Am. Goldfinch, 4; Slate-colored Junco, 9; Am. Tree Sparrow, 13; **Fox Sparrow, 1** (Mr. and Mrs. R. H. C.). **Total,** 19 species; about 540 individuals. (Seen count period: **Arctic Woodpecker,** Brown Creeper, Cedar Waxwing, Snow Bunting.)—Mr. and Mrs. A. Bryan, A. and M. Clarke, Mrs. H. Connor, Mr. and Mrs. R. H. Cundill, Mrs. G. A. Golden, C. M. Hope, A. Kelly, J. B. Knox, Mrs. D. L. Macaulay, D. L. Macaulay, Jr., R. MacDuff, H. G. Marpole, Mrs. G. C. Riley, Mrs. R. W. Wright (compiler).

8. Montreal, Que. (Mount Royal, Montreal West, Dorval, Saraguay, Ahuntsic, St. Helen's Island, Nun's Island, south shore St. Lawrence River from Mercier Bridge to Victoria Bridge, north shore from Mercier Bridge to Jacques Cartier Bridge).—Dec. 22; 7:45 a.m. to 4:30 p.m. Cloudy a.m., overcast p.m.; temp. 12° to 20°; wind NE, 20-30 m.p.h.; no snow in open country, little shore ice on river, brash ice forming p.m. Twenty-two observers in 7 parties. Total party-hours, 39 (26 on foot, 12½ by car, ½ in boat); total party-miles, 107 (32 on foot, 74 by car, 1 in boat). Mallard, 5; Black Duck, 616; Pintail, 1; scaup (sp.), 4; Am. Golden-eye, 257; Am. Merganser, 232; Rough-legged Hawk, 2; **Pigeon Hawk, 1**; Sparrow Hawk, 2; Ruffed Grouse, 1; Ring-necked Pheasant, 12; Glaucous Gull, 2; Great Black-backed Gull, 72; Herring Gull, 385; Ring-billed Gull, 4; **Bonaparte's Gull, 4**; Screech Owl, 1; Horned Owl, 1; Short-eared Owl, 1; Hairy Woodpecker, 5; Downy Woodpecker, 4; Am. Crow, 9; Black-capped Chickadee, 4; Brown Creeper, 8; Am. Robin, 8; Cedar Waxwing, 26; Gray Shrike, 1; Common Starling, 201; House Sparrow, 174; Song Sparrow, 1. **Total,** 30 species; about 2044 individuals. (Seen in area count period: Red-breasted Merganser, White-breasted Nuthatch, Pine Grosbeak.)—A. J. Bain, H. C. Bare, Simone Boyer, Mrs. H. E. Chalk, J. D. Cleghorn, P. H. DuBoulay, I. Moira Dunbar, J. W. Evans, J. L. Hill, J. Howes, H. A. C. Jackson, A. W. B. Kelly, J. K. Lowther, Mrs. J. K. Lowther, I. A. McLaren (compiler), G. H. Montgomery, J. Montgemery, J. W. Robinson, D. Ryan, H. F. Seymour, J. F. Skidmore, W. E. Wilson (Prov. of Quebec Soc. for the Protection of Birds).

9. Quebec, Que. (same area as in 1955; Ste. Foy to Quebec bridge, Quebec seaport to Island of Orleans bridge, Plains of Abraham, Quebec Zoological Garden; town suburbs 15%, fields 15%, coniferous forests 15%, deciduous woods 3%, mixed woodlands 27%, shores 25%).—Dec. 26; 7 a.m. to 3 p.m. Clear to cloudy; temp. −5° to 20°; wind W, 6-8 m.p.h.; 6-12-in. snow on ground, small rivers not completely

frozen, abundant moving icefields on St. Lawrence River. Twenty-two observers in 5 parties. Total party-hours, 24 (21 on foot, 3 by car); total party-miles, 51 (21 on foot, 30 by car). Am. Golden-eye, 1; Rough-legged Hawk, 1; **Gyrfalcon, 1** (dark phase; seen at leisure for 10 min. with 20X telescope at 100-200 ft. —P.G., F.H.) Ruffed Grouse, 4; Iceland Gull, 4; Herring Gull, 15; Hairy Woodpecker, 3; Downy Woodpecker, 1; **Arctic Woodpecker, 1**; Blue Jay, 8; Am. Crow, 47; Black-capped Chickadee, 25; Red-breasted Nuthatch, 9; Brown Creeper, 1; Gray Shrike, 1; Common Starling, 1096; House Sparrow, 412; Purple Finch, 75; Pine Grosbeak, 4; Common Redpoll, 206; Pine Siskin, 28; Am. Goldfinch, 10; White-winged Crossbill, 13; Song Sparrow, 2. **Total,** 24 species; about 1968 individuals. (Seen in area count period: Richardson's Owl, Evening Grosbeak, Swamp Sparrow.)—B. Asselin, R. Cayouette (compiler), R. Dumais, P. Germain, F. Hamel, L.-A. Lord, R. Ouellet, Claire Robitaille (Club des Ornithologues, Québec).

10. **Bancroft, Ont.** (same area as former years).—Dec. 23; 8:30 a.m. to 4:30 p.m. Overcast with fog; temp. 20° to 25°; no wind; snow melted in open, 1-3-in. in bush. One observer. Total hours, 8 (6 on foot, 2 by car); total miles, 59 (7 on foot, 52 by car). Ruffed Grouse, 2; **Richardson's Owl, 1** (all field marks from 6 ft.); Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 10; **Common Raven, 2**; Black-capped Chickadee, 18; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 1; Brown Creeper, 3; Common Starling, 18; Am. Goldfinch, 14; Am. Tree Sparrow, 8. **Total,** 14 species; 94 individuals.—Earl Stark.

11. **Blenheim, Ont.** (same area as former years).—Dec. 26; 8:45 a.m. to 5 p.m. Overcast, light snow p.m.; temp. 30° to 32°; wind S, 2-5 m.p.h.; Rondeau Bay and Lake Erie open. Twelve observers in 5 parties. Total party-hours, 29 (20 on foot, 9 by car); total party-miles, 115 (35 on foot, 80 by car). Horned Grebe, 3; Mallard, 25; Black Duck, 66; Redhead, 25; Canvas-back, 2100; Greater Scaup, 1; Lesser Scaup, 4; Am. Golden-eye, 54; Buffle-head, 1; Old-squaw, 7; White-winged Scoter, 2; Ruddy Duck, 2; Hooded Merganser, 1; Am. Merganser, 1; **Turkey Vulture, 1** (eating dead fish—H. E.); Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 9; Red-shouldered Hawk, 1; Rough-legged Hawk, 18; Bald Eagle, 7; Marsh Hawk, 5; Sparrow Hawk, 4; Bob-white, 4; Ring-necked Pheasant, 16; Am. Coot, 50; Great Black-backed Gull, 4; Herring Gull, 1000; Ring-billed Gull, 2; Bonaparte's Gull, 115; Mourning Dove, 30; Horned Owl, 2; Long-eared Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 10; Horned Lark, 7; Blue Jay, 3; Am. Crow, 593; Brown Creeper, 1; Am. Robin, 1; Golden-crowned Kinglet, 11; Gray Shrike, 2; Common Starling, 533; House Sparrow, 2000; Eastern Meadowlark, 1; Rusty Blackbird, 1; Purple Grackle, 2; Cardinal, 56; Purple Finch, 2; Am. Goldfinch, 37; Eastern Towhee, 2; Slate-colored Junco, 250; Am. Tree Sparrow, 151; Field Sparrow, 8; White-throated Sparrow, 6; Swamp Sparrow, 3; Song Sparrow, 32. **Total,** 57 species; about 7277 individuals. (Seen in area count period: Canada Goose, Wood Duck.)—J. A. Begg, R. Blackburn, L. J. Bohn, A. B. Colerick, A. DeLyzer, G. R. Driscoll, H. English, H. Evans, S. G. Miller, A. M. Ross, M. Sass, H. B. Wressell (compiler) (Kent Nature Club).

12. **Bowmanville, Ont.** (including Pontypool, Newcastle, Newtonville; open farmland 60%, mixed woods 15%, coniferous woods 7%, deciduous woods 5%, open water 6%, suburbs 6%, marsh 1%).—Dec. 29; 7:25 a.m. to 5:10 p.m. Partly cloudy; temp. 0° to 20°; wind NW, 10-20 m.p.h.; 5-in. snow interior, none at Lake. Two observers in 1 party. Total party-hours, 10 (2 on foot, 8 by car); total party-miles, 82 (7 on foot, 75 by car). Am. Golden-eye, 30; Old-squaw, 1; **Pigeon Hawk, 1** (well seen); **Great Black-backed Gull, 2**; Yellow-shafted Flicker, 1; Gray Shrike, 3; Common Starling, 9; House Sparrow, 16; Am. Goldfinch, 12; Slate-colored Junco, 15; Am. Tree Sparrow, 79; Snow Bunting, 1. **Total,** 12 species; about 170 individuals.—David Calvert, E. W. Calvert (compiler).

13. **Brockville, Ont.** (7½-mile radius centering on King and Broad Streets, including St. Lawrence River but none of American mainland; open water 20%, open farmland 50%, deciduous woodland 20%, coniferous woodland 7%, marsh 2%, urban 1%).—Dec. 29; 8 a.m. to 4:30 p.m. Overcast a.m., sunny p.m.; temp. 13° to 20°; wind NE, 20 m.p.h.; 3-in. hard snow, inland lakes frozen. Nineteen observers in 8 parties, 1 at feeding station. Total party-hours, 62 (35 on foot, 24 by car, 3 by boat); total party-miles, 353 (57 on foot, 271 by car, 25 by boat). Black Duck, 8; Greater Scaup, 150; Am. Golden-eye, 752; **Am. Scoter, 2** (carefully studied); Am. Merganser, 30; Bald Eagle, 1; Ruffed Grouse, 24; Great Black-backed Gull, 1; Herring Gull, 62; Horned Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 10; **Arctic Woodpecker, 1**; Blue Jay, 56; Black-capped Chickadee, 157; White-breasted Nuthatch, 12; Brown Creeper, 4; Golden-crowned Kinglet, 15; Gray Shrike, 8; Common Starling, 331; House Sparrow, 485; Am. Goldfinch, 8; Slate-colored Junco, 5; Am. Tree Sparrow, 181; Song Sparrow, 1; Snow Bunting, 235. **Total,** 27 species; about 2570 individuals.—James Bayly (compiler), Mrs. Beattie, A. Bell, John Cartwright, Ian Clark, H. H. Dewar, Mrs. H. H. Dewar, A. E. Garwood, David I. Hurrie, M. Jarvie, Mrs. M. Jarvie, Walter Lamb, Mary L'Estrange, R. F. Mucklestone, S. Peters, Mrs. C. Quilliam, George Stirrett, Alden Strong, Mrs. Ezra Wiltsie.

14. **Deep River, Ont.** (Des Joachims Dam to Headquarters, Petawawa Experimental Forest and Ottawa River; White Spruce-fir-White Pine forest 60%, Black Spruce-cedar swampland 15%, Jack Pine stands 10%, second-growth aspen 5%, cleared land 5%, river bank 5%).—Dec. 30; 7:30 a.m. to 4:30 p.m. Clear; temp. −20° to −10°; wind NW, 15 m.p.h.; 12-in. crusted snow, some streams open, lakes frozen. Four observers in 2 parties. Total party-hours, 30 (26

on foot, 4 by car); total party-miles, 75 (25 on foot, 50 by car). Buffle-head, 2; Am. Merganser, 1; Ruffed Grouse, 2; Hairy Woodpecker, 1; Blue Jay, 3; Common Raven, 4; Black-capped Chickadee, 5; Red-breasted Nuthatch, 3; Common Starling, 2; Common Redpoll, 5; Pine Siskin, 4; Am. Goldfinch, 16; Am. Tree Sparrow, 3; Snow Bunting, 40. **Total,** 14 species; 91 individuals. (Seen in area count period: Downy Woodpecker, Am. Crow, Brown Creeper, House Sparrow, Purple Finch, Red Crossbill.)—J. H. Collins, C. A. Herriott, P. Lewis, I. L. Ophel (compiler).

15. Hamilton, Ont. (same area as former years). —Dec. 30; 6:45 a.m. to 5:30 p.m. Clear, clouding at noon; temp. 1° to 19°; wind W to SW, up to 10 m.p.h.; ground mostly bare, marshes frozen, harbor open. Fifty-four observers in 28 parties. Total party-hours, 158 (140 on foot, 18 by car); total party-miles, 428 (189 on foot, 239 by car). Common Loon, 2; **Red-throated Loon, 1** (also present before and after count); Horned Grebe, 6; Great Blue Heron, 2; Mallard, 118; Black Duck, 108; Redhead, 1; Canvas-back, 1; Greater Scaup, 127; **Lesser Scaup, 1** (present for month); Am. Golden-eye, 118; Buffle-head, 10; Oldsquaw, 90; **King Eider, 1** (since Dec. 23); White-winged Scoter, 3; Ruddy Duck, 5; Hooded Merganser, 1; Am. Merganser, 1940; Red-breasted Merganser, 40; Cooper's Hawk, 3; Red-tailed Hawk, 26; Rough-legged Hawk, 16; Bald Eagle, 1; Marsh Hawk, 6; Sparrow Hawk, 18; Ruffed Grouse, 14; European Partridge, 5; Ring-necked Pheasant, 40; Killdeer, 3; Glaucous Gull, 4; Great Black-backed Gull, 127; Herring Gull, 4000; Ring-billed Gull, 5; Bonaparte's Gull, 4; Mourning Dove, 2; Screech Owl, 1; Horned Owl, 7; Snowy Owl, 2; Long-eared Owl, 9; Belted Kingfisher, 4; Yellow-shafted Flicker, 5; Hairy Woodpecker, 33; Downy Woodpecker, 55; **Arctic Woodpecker, 3**; Blue Jay, 87; Am. Crow, 85; Black-capped Chickadee, 373; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 2; Brown Creeper, 34; Winter Wren, 1; Am. Robin, 10; Golden-crowned Kinglet, 40; Ruby-crowned Kinglet, 1; Cedar Waxwing, 17; Gray Shrike, 13; Common Starling, 1740; House Sparrow, 1200; Eastern Meadowlark, 16; Rusty Blackbird, 1; Purple Grackle, 2; Cardinal, 116; Common Redpoll, 3; Am. Goldfinch, 43; Eastern Towhee, 1; Slate-colored Junco, 820; Am. Tree Sparrow, 1380; Field Sparrow, 1; **White-crowned Sparrow, 1** (adult carefully studied); Fox Sparrow, 2; Swamp Sparrow, 4; Song Sparrow, 69; Snow Bunting, 35. **Total,** 73 species; about 13,073 individuals. (Black-crowned Night Heron, Ring-necked Duck, Goshawk, Sharp-shinned Hawk, Iceland Gull, Red-headed Woodpecker, Mockingbird, Evening Grosbeak seen count period.) [Exceptionally neat report, careful details submitted for all unusual birds—Ed.]—Ross Anderson, W. E. Benner, R. D. F. Bourne, Stella Brown, Frank Buckle, Kenneth J. Cox, John Cumming, Robert Curry, Ted Dinniwell, Don Donaldson, James A. N. Dowall, Robert O. Elstone, Robert Finlayson, Mrs. Paul Fish, W. A. T. Gilmour, Leslie A. Gray, Ian Halladay, Peter Hamel, John Hencher, Peter Henderson, Mr. and Mrs. William Holley, Angus B. Jackson, Suzanne Lawrie, Thomson C. Lawrie, Margaret Lamb, Mr. and Mrs. Robert Lloyd, John E. H. Martin, R. G. C. MacLaren, Harold MacPherson, C. Douglas McCallum, G. O. McMillan, John Miles, Huber Moore, Mrs. Carl M. Morden, John A. Moule, Mr. and Mrs. A. B. Nind, George W. North (compiler), Laurel E. North, David K. Powell, Lawrence Roy, Robert K. Sargeant, Mr. and Mrs. Frank Schneider, Douglas Smith, Robert Stamp, Laura Stewart, Danny Strickland, Anne Watson, Jane Watson, Mabel Watson, J. Harvey Williams (Hamilton Nature Club).

16. Kingston, Ont. (7½-mile radius centering on MacDonald Park, perimeter cutting Westbrook, Elginburg and western tip of Howe Island; also including most of western half of Wolfe Island; farmland 45%, water 20%, mixed woodlots 25%, marshes 8%, urban 2%).—Dec. 22; 7:30 a.m. to 4:30 p.m. Overcast; temp. 25° to 35°; wind NNE, 15-20 m.p.h.; driving sleet from noon to 3 p.m., no snow on ground, water open except part of Cataraqui River and lake above Kingston Mills. Twenty-one observers in 8 parties. Total party-hours, 65 (32 on foot, 32 by car, 1 by boat); total party-miles, 380 (48 on foot, 326 by car, 6 by boat). Common Loon, 1; Horned Grebe, 1; Great Blue Heron, 1; Mallard, 1; Black Duck, 158; **Am. Widgeon, 4**; Redhead, **322**; Canvas-back, 120; Greater Scaup, **10,000+**; Am. Golden-eye, 467; Am. Merganser, 327; Red-breasted Merganser, 3; Cooper's Hawk, 1; Rough-legged Hawk, 1; Ruffed Grouse, 5; European Partridge, 9; Glaucous Gull, 3; Great Black-backed Gull, 30; Herring Gull, 485; Ring-billed Gull, 270; Horned Owl, 1; Snowy Owl, 2; Hairy Woodpecker, 3; Downy Woodpecker, 7; Blue Jay, 12; Black-capped Chickadee, 65; White-breasted Nuthatch, 17; Brown Creeper, 2; Gray Shrike, 5; Common Starling, 629; House Sparrow, 445; Red-winged Blackbird, 5; Am. Goldfinch, 2; Slate-colored Junco, 3; Am. Tree Sparrow, 174; Song Sparrow, 1. **Total,** 36 species; more than 13,582 individuals. (Seen in area count period: **Florida Gallinule,** Ruby-crowned Kinglet, Ring-necked Pheasant, **Arctic Woodpecker,** Am. Crow, Cedar Waxwing, Eastern Meadowlark.)—James Bayly, A. E. Bell, Isabelle Boardman, John Bulger, John Cartwright (compiler), Ron Cooley, K. F. Edwards, M. H. Edwards, Ann Hutchison, A. E. Hyde, Mrs. A. E. Hyde, W. G. Lamb, Mary L'Estrange, L. H. Lowther, Derek Paul, Mrs. W. S. Peruniak, Helen Quilliam, G. M. Stirrett, Alden Strong, C. J. Vincent, D. L. Wilson (Kingston Nature Culb).

17. Kirkland Lake, Ont. (7½-mile radius centering on Highway 112 one mile north of Dane; fields 20%. towns 5%, coniferous woods 30%, deciduous woods 35%, slimes 5%, cattail marsh 5%; 4 feeding stations).—Dec. 23; 7 a.m. to 4:45 p.m. Overcast clearing somewhat; temp. 10° to 24°; wind SW, 10 m.p.h.; 17-in. snow in open, lakes frozen, some open water in streams. Fifteen observers in 8 parties. Total party-hours, 34 (12 on foot, 13 by car, 9 at feeding stations); total party-miles, 168 (18 on foot, 150 by car). **Am. Merganser, 2**; Ruffed Grouse, 2; **Hawk Owl, 1** (also seen week previous—numerous observers); Horned Owl, 3; Pileated Woodpecker, 1; Hairy

Woodpecker, 13; Downy Woodpecker, 9; Gray Jay, 19; Blue Jay, 43; Common Raven, 3; Black-capped Chickadee, 90; Brown-capped Chickadee, 4; Red-breasted Nuthatch, 9; Common Starling, 37; House Sparrow, 25; Evening Grosbeak, 43; **Purple Finch, 28**; Pine Grosbeak, 99; Common Redpoll, 179; Red Crossbill, 1; White-winged Crossbill, 118; Snow Bunting, 135. **Total,** 22 species; about 864 individuals. (Arctic Woodpecker seen in area count period.)—Mrs. A. Axcell, K. C. Gray, F. M. Helleiner, J. H. Hodgins, R. J. McClanahan, R. J. McClanahan, Jr., P. W. Richter, I. Robertson, J. Savage, J. G. Stephenson (compiler), Mrs. J. G. Stephenson, J. C. Stephenson, Mrs. Robert Walker, F. Washington, D. Watson (Kirkland Lake Nature Club).

18. **London, Ont.** (same area as last year).—Dec. 29; 8 a.m. to 5 p.m. Cloudy, 3-4-in. snowfall; temp. 24° to 31°; wind NNW, 10-15 m.p.h. Fifty-two observers in 14 parties. Total party-hours, 120 (112 on foot, 8 by car); total party-miles, 211 (150 on foot, 61 by car). Great Blue Heron, 4; Mallard, 234; Black Duck, 166; Blue-winged Teal, 1; Lesser Scaup, 1; Am. Golden-eye, 44; Hooded Merganser, 7; Am. Merganser, 49; Cooper's Hawk, 1; Red-tailed Hawk, 20; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 2; Marsh Hawk, 1; Ring-necked Pheasant, 20; Herring Gull, 22; Ring-billed Gull, 2; Mourning Dove, 35; Screech Owl, 1; Horned Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 2; Pileated Woodpecker, 1; Hairy Woodpecker, 27; Downy Woodpecker, 63; Horned Lark, 1; Blue Jay, 25; Am. Crow, 3; Black-capped Chickadee, 148; White-breasted Nuthatch, 17; Brown Creeper, 8; Winter Wren, 2; Golden-crowned Kinglet, 68; Gray Shrike, 1; Common Starling, 582; House Sparrow, 879 (1 albino); Eastern Meadowlark, 1; Cardinal, 252; Evening Grosbeak, 2; Purple Finch, 2; Am. Goldfinch, 40; Eastern Towhee, 1; Slate-colored Junco, 163; Am. Tree Sparrow, 250; Field Sparrow, 14; White-throated Sparrow, 4; Swamp Sparrow, 7; Song Sparrow, 41; Lapland Longspur, 4; Snow Bunting, 17. **Total,** 51 species; about 3249 individuals. (in area count period: Sparrow Hawk, Bobwhite, Short-eared Owl, **Arctic Woodpecker.**)—G. W. A. Aitken, Mrs. Bainard, Lynn Ball, Glenna Barret, Dr. Bocking, D. Carr, Mr. and Mrs. William Caspell, M. Comfort, Dr. and Mrs. G. Cumming, Eli Davis, Mr. and Mrs. W. Day, Doug Dow, A. Dunston, Helen Elliott, William Girling, R. Haines, M. J. Heighway, Mr. and Mrs. J. C. Higgins, C. Hobbs, Dr. Hobbs, S. Huston, Mr. and Mrs. William Jarmain, W. W. Judd, J. C. Laughton, R. Lazenby, James W. Leach (compiler), Mrs. James W. Leach, Alan Loughrey, Paul Mackenzie, H. MacMahon, Mr. and Mrs. William Maddeford, Charles Maddeford, Ted Maddeford, Mary Marshall, G. Muller, H. Nugent, Tom Penhale, Glenna Pincombe, Joyce Simmons, Carol Southern, Mrs. Spruce, W. D. Sutton, Ann Thompson, Beryl Thompson, T. Verboom, Yvette Walton (McIlwraith Ornithological Club).

19. **Pickering Township, Ont.** (same area as last year; 15 acres of mixed woodland plus 3 miles of country roads with fields 50%, mixed woodland 50%, including 3 feeding stations).—Jan. 1; 7:15 a.m. to 5 p.m. Clear; temp. −14° to −6°; wind N, 10-12 m.p.h.; 4-in. fresh snow on ground, ponds and creek frozen. Two observers in 2 parties. Total party-hours, 11 (1 on foot, 1 by car, 9 at feeding station); total party-miles, 4 (1 on foot, 3 by car). Sharp-shinned Hawk, 1; Ruffed Grouse, 2; Hairy Woodpecker, 3; Downy Woodpecker, 6; Blue Jay, 13; Black-capped Chickadee, 20; Golden-crowned Kinglet, 4; Gray Shrike, 2; House Sparrow, 10; Cardinal, 13; Am. Goldfinch, 2; Slate-colored Junco, 30; **Oregon Junco, 2** (carefully identified at feeders); Am. Tree Sparrow, 7. **Total,** 14 species; 115 individuals.—Doris H. Speirs (compiler), J. Murray Speirs.

20. **Point Pelee, Ont.** (same area as in 1954 and previous years).—Dec. 23; 9:15 a.m. to 4:15 p.m. Overcast, misty; rain p.m.; temp. 34° to 37°; wind E, 10-20 m.p.h.; ground clear, marsh largely open, Lake Erie open. Seventeen observers in 4 parties. Total party-hours, 22 (16 on foot, 6 by car); total party-miles, 56 (12 on foot, 44 by car). Red-throated Loon, 1; Great Blue Heron, 2; Mallard, 3; Am. Golden-eye, 1; Hooded Merganser, 2; Am. Merganser, 41; Red-breasted Merganser, 2; Goshawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Bald Eagle, 1; Marsh Hawk, 2; Sparrow Hawk, 1; Ring-necked Pheasant, 6; **Great Black-backed Gull, 20**; Herring Gull, 494; Ring-billed Gull, 300; Bonaparte's Gull, 107; Mourning Dove, 3; Horned Owl, 2; Downy Woodpecker, 23; Horned Lark, 11; Am. Crow, 115; Black-capped Chickadee, 6; Brown Creeper, 16; Winter Wren, 1; **Carolina Wren,** 7; Golden-crowned Kinglet, 54; Common Starling, 4; **Myrtle Warbler, 8**; House Sparrow, 39; Red-wing Blackbird, 7; Purple Grackle, 7; Cardinal, 22; Purple Finch, 1; Am. Goldfinch, 73; Slate-colored Junco, 23; Am. Tree Sparrow, 253; Field Sparrow, 27; Song Sparrow, 11. **Total,** 41 species; about 1700 individuals.—Helen Blanchet, Roger Eriksson, David French, Evelyn Freund, Geza Hufnagel, Mr. and Mrs. Neil T. Kelley, David Law, Mr. and Mrs. Robert Merriam, Mr. and Mrs. Julius Peter, F. M. Whitney, Mrs. Harriet B.Woolfenden, W. W. H. Gunn and R. A. O'Reilly, Jr. (compilers).

21. **Port Arthur–Fort William, Ont.** (same area as 1955 count).—Dec. 26; 8 a.m. to 4:30 p.m. Overcast, snow; temp. 15° to 34°; wind W to SW, 0-15 m.p.h.; 1-in. snow fell between 10 a.m. and 2 p.m., 20-in. snow on ground, waters frozen except off-shore Lake Superior. Fourteen observers in 8 parties. Total party-hours, 31 (12 on foot, 19 by car); total party-miles, 194 (20 on foot, 174 by car). Glaucous Gull, 1; Herring Gull, 210; Snowy Owl, 1; **Hawk Owl,** 1; Pileated Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 17; **Arctic Woodpecker,** 1; Gray Jay, 3; Blue Jay, 37; Common Raven, 39; Am. Crow, 10; Black-capped Chickadee, 54; Brown-capped Chickadee, 2; Cedar Waxwing, **156**; Gray Shrike, 2; Common Starling, 854; House Sparrow, 2140; Pine Grosbeak, 316; Common Redpoll, 160. **Total,** 20 species; about 4012 individuals. (Ring-necked Pheas-

ant, Three-toed Woodpecker, Am. Robin, White-winged Crossbill seen count period.)—Dr. and Mrs. A. E. Allin, K. Denis (compiler), Mrs. K. Denis, Norman Denis, C. E. Garton, Mrs. A. F. Hanton, Mrs. W. Knowles, D. B. McKillop, R. Robb, Mrs. C. Rydholm, Louise Rydholm, Marion Smith, J. Thompson (Thunder Bay Field Naturalists' Club).

22. **St. Thomas, Ont.** (same area as last year).—Dec. 23; 7:30 a.m. to 5 p.m. Overcast, foggy, visibility poor; temp. 35° to 40°; wind NE to E, 5 m.p.h.; ground bare, inland ponds mostly free from ice, streams and Lake Erie completely free of ice. Twenty-eight observers in 11 parties. Total party-hours, 86 (70 on foot, 16 by car); total party-miles, 216 (55 on foot, 161 by car). Great Blue Heron, 1; Canada Goose, 500; Mallard, 75; Black Duck, 109; **Ring-necked Duck,** 1; Greater Scaup, 4; Am. Golden-eye, 80; Buffle-head, 1; Am. Merganser, 2; Red-breasted Merganser, 3; **Goshawk, 1** (V. Smith party); Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 21; Red-shouldered Hawk, 1; Rough-legged Hawk, 8; Marsh Hawk, **24**; Sparrow Hawk, 4; Ruffed Grouse, 2; Ring-necked Pheasant, 9; **Am. Coot,** 1; Great Black-backed Gull, 1; Herring Gull, 369; Ring-billed Gull, 129; Mourning Dove, 15; Screech Owl, 1; Horned Owl, 3; Long-eared Owl, 9; **Short-eared Owl,** 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 3; Pileated Woodpecker, **4**; Hairy Woodpecker, **15**; Downy Woodpecker, 58; Horned Lark, 9; Blue Jay, 79; Am. Crow, 5; Black-capped Chickadee, 233; **Tufted Titmouse, 2** (seen well—4 observers); White-breasted Nuthatch, 8; Brown Creeper, 7; Winter Wren, 3; Carolina Wren, **5**; Am. Robin, 2; Golden-crowned Kinglet, 20; **Ruby-crowned Kinglet,** 1; Cedar Waxwing, **21**; Gray Shrike, 4; Common Starling, 1104; House Sparrow, 1304; Eastern Meadowlark, 6; **Red-winged Blackbird, 1** (M. F., R. S.); **Purple Grackle,** 1; Cardinal, 124; Purple Finch, 6; Pine Grosbeak, 1; Pine Siskin, 8; Am. Goldfinch, 298; Eastern Towhee, 7; Vesper Sparrow, **8**; Slate-colored Junco, 620; **Oregon Junco, 1** (carefully identified); Am. Tree Sparrow, **1061**; Field Sparrow, **61**; **White-crowned Sparrow,** 1; Swamp Sparrow, 6; Song Sparrow, 69; Lapland Longspur, 1. **Total,** 68 species; about 6546 individuals. (Seen in area count period: Bob-white.)—Lloyd Auckland, Freddie Bell, Mr. and Mrs. Fred Bell, Joseph Field, Marshall Field (compiler), Russel Foster, Fred Lewis, Lawrence Sanders. (St. Thomas Field Naturalists Club).

23. **Sarnia, Ont.** (7½-mile radius centering on River and Lake Shore Roads; pasture 10%, plowland 20%, lake shore 15%, river 10%, conifers 10%, marsh 15%, orchards and farm lots 20%).—Dec. 30; 8 a.m. to 4:30 p.m. Clear a.m., overcast p.m.; temp. 15° to 25°; wind N, 15 m.p.h.; river open, creeks and ponds frozen. Seven observers in 1-3 parties. Total party-hours, 18 (4 on foot, 14 by car); total party-miles, 115 (9 on foot, 106 by car). Horned Grebe, 3; Mallard, 8; Black Duck, 25; Redhead, 125; Canvas-back, 33; Lesser Scaup. 16; Am. Golden-eye, 70; Buffle-head, 1; Old-squaw, 8; Am. Merganser, 1000; Red-breasted Merganser, 100; Red-tailed Hawk, 6; Rough-legged Hawk, 15; Marsh Hawk, 8; Sparrow Hawk, 1; Bob-white, 26; Ring-necked Pheasant, 2; Herring Gull, 300; Bonaparte's Gull, 30; Mourning Dove, 125; Hairy Woodpecker, 1; Downy Woodpecker, 6; Blue Jay, 11; Am. Crow, 200; Black-capped Chickadee, 2; White-breasted Nuthatch, 1; Brown Creeper, 1; Golden-crowned Kinglet, 5; Gray Shrike, 4; Common Starling, 500; House Sparrow, 700; Eastern Meadowlark, 3; Cardinal, 5; Slate-colored Junco, 27; Am. Tree Sparrow, 60; Song Sparrow, 5; Snow Bunting, 300. **Total,** 37 species; about 3733 individuals. (Red-headed Woodpecker, Horned Lark seen count period.) [Red-shafted Flicker, 3 and European Tree Sparrow, 190 reported without details; deleted from list—Ed.]—Rodney Birrell, Angus Buchanan (compiler), Robert Denomy, David H. Johnston, Peter B. Lumb, Don McKenzie, Arthur T. Storey, Trevor K. Storey.

24. **Sault Ste. Marie, Ont.–Mich.** (15-mile diameter as last year).—Dec. 30; 8 a.m. to 5 p.m. Overcast; temp. −11° to 9°; wind E, 5-20 m.p.h. Twenty-five observers in 8 parties. Total party-hours, 49 (7 on foot, 42 by car); total party-miles, 96 (5 on foot, 91 by car). Mallard, 50; Black Duck, 3; Am. Golden-eye, 68; Cooper's Hawk, 1; Herring Gull, 13; Ring-billed Gull, 7; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 1; Gray Jay, 1; Blue Jay, 21; Common Raven, 9; Am. Crow, 9; Am. Robin, 1; Cedar Waxwing, 65; Common Starling, 125. **Total,** 16 species; about 377 individuals. (Seen count period: Barrow's Golden-eye, Bald Eagle, Gray Shrike, Purple Grackle, Cardinal, Evening Grosbeak, Am. Goldfinch, White-winged Crossbill.)—Evelyn Carroll, Norman Christenson, R. Dennison (compiler), Bettie Failes, Mrs. Jack Gunn, B. Jeffrey, S. T. B. Losee, John McPhail, R. C. Madden, Helen Nattress, G. Stehr.

25. **West Elgin, Ont.** (7½-mile radius centered 1 mile north of West Lorne; agricultural 12%, pastures 10%, river and creek gullies 36%, deciduous woods 19%, conifer groves 2%, lake front 20%, feeding stations 1%).—Dec. 26; 6:30 a.m. to 5:30 p.m. Light snow; temp. 25° to 32°; wind S to SW, 10-25 m.p.h.; 2-in. snow on ground, ponds frozen, running streams and Lake Erie free of ice. Thirteen observers in 5 parties. Total party-hours, 37 (21 on foot, 16 by car); total party-miles, 141 (21 on foot, 120 by car). **Horned Grebe,** 1; Canada Goose, 2; Black Duck, 1; Am. Golden-eye, 63; Red-breasted Merganser, 1; Sharp-shinned Hawk, 2; Red-tailed Hawk, 11; Rough-legged Hawk, 6; Bald Eagle, 2; Marsh Hawk, 2; Ruffed Grouse, 2; Bob-white, **128**; Ring-necked Pheasant, 1; Herring Gull, 27; Mourning Dove, 99; Screech Owl, 1; Horned Owl, 3; Yellow-shafted Flicker, 9; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Hairy Woodpecker, 10; Downy Woodpecker, 36; Blue Jay, 31; Am. Crow, 8; Black-capped Chickadee, 41; White-breasted Nuthatch, 7; Brown Creeper, 8; Golden-crowned Kinglet, 17; Gray Shrike, 1; **Loggerhead Shrike, 1** (H.L.L.); Common Starling, 260; House Sparrow, 738; Eastern Meadow-

lark, 14; Red-winged Blackbird, 1; Brown-headed Cowbird, 1; Cardinal, 134; Am. Goldfinch, 39; Eastern Towhee, 1; Slate-colored Junco, 344; Am. Tree Sparrow, 220; Field Sparrow, 4; Fox Sparrow, 2; Song Sparrow, 39. **Total,** 43 species; about 2323 individuals. (Seen count period: Cooper's Hawk, Short-eared Owl, Horned Lark.)—H. L. Lancaster, R. E. Lemon, V. E. Lemon, D. Murray (compiler), J. Murray (West Elgin Nature Club).

26. **Westport, Ont.** (7½-mile radius centering on village municipal office; farmland 15%, lakes 20%, marshes 5%, deciduous woodland 40%, mixed woodland 18%, Red Cedar groves 2%).—Dec. 30; 8 a.m. to 4 p.m. Clear; temp. –15° to 5°; wind N, 5 m.p.h.; ground with 4-in. snow, marshes, lakes and rivers only recently frozen; unusually high temperature for preceding month. Thirteen observers in 6 parties. Total party-hours, 43 (20 on foot, 23 by car); total party-miles, 278 (28 on foot, 250 by car). Goshawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 22; Pileated Woodpecker, 2; Hairy Woodpecker, 14; Downy Woodpecker, 6; **Three-toed Woodpecker,** 1; Blue Jay, 34; Black-capped Chickadee, 96; White-breasted Nuthatch, 15; Brown Creeper, 3; Winter Wren, 1; **Am. Robin,** 2; Cedar Waxwing, 18; Gray Shrike, 3; Common Starling, 23; House Sparrow, 201; Evening Grosbeak, 1; Pine Siskin, 6; Am. Goldfinch, 10; **White-winged Crossbill,** 7; Slate-colored Junco, 8; Am. Tree Sparrow, 77; Song Sparrow, 2; Snow Bunting, 200. **Total,** 26 species; about 755 individuals. (Black Duck, Am. Golden-eye, Am. Merganser, Herring Gull, Bald Eagle, Eastern Meadowlark seen count period.)—F. Arnold, J. C. U. Bayly, Mrs. B. J. Bayly, A. Bell, J. Cartwright, D. Crawford, J. Hannah, J. D. MacDougall, D. C. MacDougall, P. J. McManus, L. Nichol, G. M. Stirrett, A. M. Strong (compiler).

27. **Carlton, Sask.** (7½-mile radius centering 2½ miles west and 2½ miles south of Carlton; frozen North Saskatchewan River 5%, deciduous woods 20%, open farmland 75%, few conifers along river bank). —Dec. 30; 7:30 a.m. to 5 p.m. Mostly sunny; temp. 34° to 38°; wind W, 10-20 m.p.h.; 2-in. snow on fields, 5-in. snow in woods. Eleven observers in 4 parties. Total party-hours, 26 (13 on foot, 13 by car); total party-miles, 115 (22 on foot, 93 by car). Goshawk, 3; small accipiter (sp.), 1; Golden Eagle, 4; Ruffed Grouse, 3; Sharp-tailed Grouse, 14; European Partridge, 4; Horned Owl, 1; Snowy Owl, 4; Hairy Woodpecker, 3; Downy Woodpecker, 4; Blue Jay, 1; Am. Magpie, 46; Common Raven, 1; Black-capped Chickadee, 23; Bohemian Waxwing, 7; Gray Shrike, 1; House Sparrow, 258; Pine Grosbeak, 64; Common Redpoll, 155; Snow Bunting, 46. **Total,** 20 species; about 643 individuals.—Ed Brooman, Elias Evasiuk, Tony Capusten, Mel Welsh (Prince Albert Natural History Soc.); Jonathan Gerrard, John Gerrard, J. R. Hogg, J. Frank Roy, John Shadick (Saskatoon Natural History Society); Dr. and Mrs. Stuart Houston (compilers) (Yorkton Natural History Society).

28. **Regina, Sask.** (7½-mile radius centering 3 miles north of Regina; prairie farmland 90%, woodland 5%, city and suburbs 5%).—Dec. 26; 8 a.m. to 4:30 p.m. Partly cloudy; temp. 34° to 26°; wind W, 16-24 m.p.h. Eight observers in 4 parties. Total party-hours, 19 (7 on foot, 12 by car); total party-miles, 147 (14 on foot, 133 by car). Eared Grebe, 1; **Western Grebe,** 1; Pied-billed Grebe, 1; Mute Swan, 4; Whistling Swan, 5; Canada Goose, 35; Mallard, 300; Pintail, 3; Canvas-back, 2; Lesser Scaup, 12; Ruddy **Duck,** 4; Red-breasted Merganser, 2; European Partridge, 7; Am. Coot, 3; Horned Owl, 1; Downy Woodpecker, 3; Am. Magpie, 8; Red-breasted Nuthatch, 1; Gray Shrike, 1; Common Starling, 7; House Sparrow, 317; **Purple Finch,** 2. **Total,** 22 species; about 720 individuals. (In area count period: Green-winged Teal, **Herring Gull,** Snowy Owl, Pigeon Hawk.)—Fred Bard, Frank Brazier, Betty Cruickshank, Elmer Fox (compiler), Doug Gilroy, M. Goudie, W. Greenberg, George Ledingham (Saskatchewan Natural History Society).

29. **Yorkton, Sask.** (7½-mile radius centering on Yorkton, same area as previous years).—Dec. 26; 8 a.m. to 5:30 p.m. Mostly sunny; temp. 32° to 36°; wind W, 10-20 m.p.h.; 20-in. snow on ground. Fourteen observers in 6 parties. Total party-hours, 19 (10 on foot, 9 by car); total party-miles, 62 (11 on foot, 51 by car). Ruffed Grouse, 9; Sharp-tailed Grouse, 63; European Partridge, 17; Horned Owl, 2; Snowy Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 4; Am. Magpie, 25; Black-capped Chickadee, 25; Bohemian Waxwing, 5; Gray Shrike, 1; House Sparrow, 289; Pine Grosbeak, 2; Common Redpoll, 8; Snow Bunting, 89. **Total,** 16 species; about 542 individuals.—Wayne Bjorgan, Brother Clarence, Brother Clement, Henry Chillman, Jr., Ronald Coleman, Tom Cursons, Archie Fraser, Art Gellert, Dr. and Mrs. Stuart Houston (compilers), Phil Pawluck, Bob Pearce, Cliff Shaw, Jeff Smith (Yorkton Natural History Society).

30. **Edmonton, Alta.** (North Saskatchewan River bank within city of Edmonton and a few miles north of city).—Dec. 23; 8 a.m. to 5 p.m. Clear; temp. 18° to 29°; wind W, 2-8 m.p.h. Twenty-three observers in 8 parties. Total party-hours, 23 (19 on foot, 4 by car); total party-miles, 132 (22 on foot, 110 by car). Mallard, 48; Golden Eagle, 1; **Pigeon Hawk,** 1; Ruffed Grouse, 3; Ring-necked Pheasant, 10; Horned Owl, 1; Snowy Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; **Three-toed Woodpecker,** 1; Blue Jay, 21; Am. Magpie, 82; Black-capped Chickadee, 85; Brown-capped Chickadee, 3; Red-breasted Nuthatch, 1; Am. Robin, 1; Bohemian Waxwing, 514; Gray Shrike, 3; Common Starling, 2; House Sparrow, 91; Evening Grosbeak, 2; Pine Grosbeak, 36; Common Redpoll, 125; White-winged Crossbill, 34. **Total,** 25 species; about 1072 individuals. (Seen in area count period: **Gyrfalcon,** Brown Creeper, Snow Bunting.)—A. Allen, G. Ball, K. Ball, (compiler), A. Blades, Mrs. A. Blades, H. Campbell, C. Eder, M. Forge, C. Hampson, M. Hampson, H. Hapgood, R. Heath, E.

Jones, S. Keith, R. Lister, H. MacGregor, K. MacLennan, Mrs. K. MacLennan, H. Montgomery, A. Scott, C. Tebby, R. Turner, J. Williams.

31. **Acadia National Park, Me.** (essentially same area since 1933; circle of 7½-mile radius centering on village of Halls Quarry, encompassing practically all of Mount Desert Island; coastal areas 50%, coniferous and deciduous woods 15%, fields 5%, towns and suburbs, including some 25 feeding stations 30%).—Dec. 29; 6:45 a.m. to 4:15 p.m. Cloudy, intermittent rain; temp. 32° to 42°; wind E, 1-25 m.p.h.; ground frozen, varying from light snow cover to bare; smaller inlets, lakes, streams frozen. Sixteen observers in 10 parties. Total party-hours, 46 (32 on foot, 14 by car); total party-miles, 190 (16 on foot, 174 by car). Common Loon, 16; Red-necked Grebe, 3; Horned Grebe, 162; European Cormorant, 29; Canada Goose, 15; Black Duck, 70; Am. Golden-eye, 219; Barrow's Golden-eye, 1; Buffle-head, 222; Old-squaw, 273; Common Eider, **3300**; White-winged Scoter, **2040**; Surf Scoter, 14; Am. Scoter, 55; Am. Merganser, 6; Red-breasted Merganser, 13; Red-tailed Hawk, 1; **Rough-legged Hawk,** 1; Bald Eagle, 8; Ruffed Grouse, 2; Ring-necked Pheasant, 1; Purple Sandpiper, 100; Great Black-backed Gull, **53**; Herring Gull, **2324**; **Brünnich's Murre,** 1 (carefully identified—W.G.); Black Guillemot, 2; Belted Kingfisher, 1; **Yellow-shafted Flicker,** 1; Hairy Woodpecker, 10; Downy Woodpecker, 22; Blue Jay, 18; Common Raven, 16; Am. Crow, 69; Black-capped Chickadee, 166; Red-breasted Nuthatch, 11; Brown Creeper, 3; Mockingbird, 1 (at feeder); **Brown Thrasher,** 1 (first seen Dec. 22); Am. Robin, 1; Golden-crowned Kinglet, 19; Common Starling, 289; **Yellow-breasted Chat,** 1 (at feeder daily since Nov. 22); House Sparrow, 2; **Red-winged Blackbird,** 1; Purple Grackle, 2; Brown-headed Cowbird, 53; Am. Goldfinch, 101; Red Crossbill, 142; Slate-colored Junco, 91; Am. Tree Sparrow, 33; **Chipping Sparrow,** 1 (at feeder since Dec. 22); White-throated Sparrow, 4; Song Sparrow, 13. **Total,** 53 species; about 10,003 individuals. (Seen count period: Greater Scaup, Goshawk, Gray Shrike.)—J. Franklin Anthony, Jr., Mrs. Arthur L. Bunker, Russell D. Butcher, Paul G. Favour, Jr. (compiler), Walter Flagg, Wendell Gilley, Mrs. Harold S. Grindle, C. C. Little, Mrs. Horace Mann, Mr. and Mrs. Donald McPheters, Mr. and Mrs. Robert W. Patterson, Mr. and Mrs. Henry C. Rivers, Mrs. John Whitcomb (Acadia National Park and Mount Desert Island Bird Club).

32. **Pemaquid–Damariscotta Region, Me.** (15-mi. diameter from Pemaquid Point to Damariscotta Mills, Route 130 from Pemaquid Falls to Pemaquid Point, Route 32 from New Harbor to Muscongus; several cross roads to Damariscotta; rocky shores 50%, coniferous woodlands 30%, feeders 10%, salt rivers 10%).—Jan. 1; 6:30 a.m. to 5 p.m. Clear; temp. –2° to 12°; wind NW, 25-30 m.p.h.; visibility at sea level limited to 200 yds. due to sea vapor; 5-in. snow on ground, fresh water and small bays frozen. Two observers in 1 party. Total party-hours, 10½ (9 on foot, 1½ by car); total party-miles, 35 (5 on foot, 30 by car). Common Loon, 8; Red-throated Loon, 1; Horned Grebe, 15; Pied-billed Grebe, 1 (present for 3 weeks); European Cormorant, 4; Black Duck, 1; Am. Golden-eye, 100; Old-squaw, 30; Common Eider, 250; Am. Scoter, 6; Hooded Merganser, 2; Am. Merganser, 50; Red-breasted Merganser, 20; Red-tailed Hawk, 1; Bald Eagle, 2; Ruffed Grouse, 2; Purple Sandpiper, 15; Great Black-backed Gull, 40; Herring Gull, 150; Black-legged Kittiwake, 25; Black Guillemot, 2; Hairy Woodpecker, 2; Downy Woodpecker, 1; Blue Jay, 10; Common Raven, 4; Am. Crow, 20; Black-capped Chickadee, 16; Red-breasted Nuthatch, 8; Golden-crowned Kinglet, 20; Gray Shrike, 1; Common Starling, 15; Myrtle Warbler, 1; House Sparrow, 35; Am. Goldfinch, 7; Slate-colored Junco, 33; **Oregon Junco,** 1 (at feeder for month); Am. Tree Sparrow, 47; White-throated Sparrow, 6; Song Sparrow, 7. **Total,** 39 species; about 959 individuals. (Seen in area count week: Brown Thrasher, Am. Robin, Brown-headed Cowbird, Fox Sparrow.)—R. B. Buxton, M. L. Libby (compiler).

33. **Webster Corner, Me.** (7½-mile radius centering on Webster Corner, same area as previous years plus observer at feeding station area in Lewiston).—Dec. 29; 3:30 a.m. to 5 p.m. Snow, sleet and rain; temp. 28° to 32°; wind NE, 0-10 m.p.h.; fields with 4-12-in. snow, up to 18-in. in woods, Androscoggin River and Lake Auburn open, all other water frozen. Four observers in 4 parties. Total party-hours, 37 (30 on foot, 7 by car); total party-miles, 235 (35 on foot, 200 by car). **Common Loon,** 1; **Horned Grebe,** 1; Black Duck, **29**; Greater Scaup, 2; Am. Golden-eye, 26; Am. Merganser, 14; **Sharp-shinned Hawk,** 1; Rough-legged Hawk, 1; Ruffed Grouse, 39; Ring-necked Pheasant, 1; **Great Black-backed Gull,** 15; Herring Gull, **980**; Horned Owl, 1; Barred Owl, **3**; Saw-whet Owl, 1; Hairy Woodpecker, 8; Downy Woodpecker, 3; Blue Jay, **130**; Am. Crow, 4; Black-capped Chickadee, 302; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 38; Brown Creeper, 3; **Hermit Thrush,** 1 (carefully studied—M. C. M.); Golden-crowned Kinglet, 25; Common Starling, 42; House Sparrow, 8; Brown-headed Cowbird, 3; Purple Finch, 9; Am. Goldfinch, 19; Slate-colored Junco, 8; Am. Tree Sparrow, 87; White-throated Sparrow, 3; Song Sparrow, 1; Snow Bunting, 4. **Total,** 35 species; more than 1815 individuals. (Seen in area count period: Arctic Woodpecker, Gray Shrike.)—D. H. Morse, M. C. Morse, Jr. (compiler), G. W. Ramsdell, B. S. Walford.

34. **Coastal New Hampshire** (same circle as in previous years, including Hampton Harbor, Newcastle, Great Bay, Exeter. Open ocean 25%, harbor 5%, brackish bay and river 10%, salt marsh 10%, mixed woods 25%, brush 15%, fields 5%, town 5%).—Dec. 30; 7 a.m. to 5 p.m. Clear; temp. 8° to 15°; wind W, 30-40 m.p.h.; 1-ft. fresh ground snow. Nine observers in 3 parties. Total party-hours, 27 (20 on foot, 7 by car); total party-miles, 85 (10 on foot, 75 by car). Common Loon, 5; Red-throated Loon, 4; Red-necked Grebe, 11; Horned Grebe, 24; Canada Goose, **2500**; Mallard, 1; Black Duck, 333;

Am. **Widgeon, 16**; Greater Scaup, **800**; Am. Golden-eye, 100; Buffle-head, 26; Old-squaw, 8; White-winged Scoter, 32; Surf Scoter, 13; Am. Scoter, 3; Am. Merganser, 55; Red-breasted Merganser, 19; Ruffed Grouse, 2; Ring-necked Pheasant, 9; Purple Sandpiper, 5; Great Black-backed Gull, 20; Herring Gull, 560; Hairy Woodpecker, 3; Downy Woodpecker, 5; Horned Lark, 7; Blue Jay, 30; Am. Crow, 55; Black-capped Chickadee, 51; White-breasted Nuthatch, 4; **Mockingbird, 1**; Am. Robin, 4; Golden-crowned Kinglet, 5; Common Starling, 605; Myrtle Warbler, 19; House Sparrow, 63; Eastern Meadowlark, 1; **Savannah Sparrow, 2**; Slate-colored Junco, 35; Am. Tree Sparrow, 196; White-throated Sparrow, 1; Song Sparrow, 3. **Total,** 41 species; about 5636 individuals. (Seen in area count period: European Cormorant, Barrow's Golden-eye, Red-shouldered Hawk, Sparrow Hawk, Mourning Dove, Gray Shrike.) —Mr. and Mrs. George Burrows, Kimball Elkins, Davis Finch, Eugene Finch, Marion Hatch, Mr. and Mrs. Richard Hebert, Tudor Richards (compiler).

35. **Dummer Hill, N. H.** (townships of Dummer and Stark; open fields and pastures 40%, Canadian forest 60%).—Dec. 27; 7:30 a.m. to 4 p.m. Cloudy, occasional light snow; temp. 2 ° to 22°; wind gentle NW; ground with 4-12-in. snow. Three observers in 2 parties. Total party-hours, 11; total party-miles, 12 (all on foot). Ruffed Grouse, 6; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Blue Jay, 10; Black-capped Chickadee, 48; Brown-capped Chickadee, 4; Red-breasted Nuthatch, 9; Golden-crowned Kinglet, 7; Evening Grosbeak, 15; Am. Goldfinch, 40. **Total,** 10 species; 141 individuals.—Ann Cole, Sally Harris, Stuart K. Harris (compiler).

36. **Laconia–New Hampton, N. H.** (7½-mile radius to include Meredith Bay, Governor's Island, Gilford, Silver Lake, New Hampton village; open lakes and rivers 35%, mixed woods 35%, suburban 25%, open fields 5%).—Dec. 22; 6:45 a.m. to 4:15 p.m. Overcast, heavy snow early p.m.; temp. 22° to 35°; wind SSW to SE, 0-15 m.p.h.; snow cover 6-14-in., small ponds frozen, brooks, rivers, large lakes open. Five observers in 3 parties. Total party-hours, 22 (10 on foot, 12 by car); total party-miles, 81 (10 on foot, 71 by car). Common Loon, 1; **Red-necked Grebe, 1** (R.W.S.); Horned Grebe, 90; **Pied-billed Grebe, 1**; Black Duck, 37; Am. Golden-eye, 155; Hooded Merganser, 15; Am. Merganser, 236; **Goshawk, 1**; Bald Eagle, 1; Ruffed Grouse, 1; Herring Gull, **107**; **Barred Owl, 4**; Hairy Woodpecker, 19; Downy Woodpecker, 17; Blue Jay, **144**; Am. Crow, 28; Black-capped Chickadee, 118; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 10; Brown Creeper, 3; Winter Wren, 2; Golden-crowned Kinglet, 5; Common Starling, **133**; House Sparrow, **374**; Evening Grosbeak, 2; Purple Finch, 4; Am. Goldfinch, 50; Slate-colored Junco, 67; Am. Tree Sparrow, 100; **Chipping Sparrow, 5** (E.W.L.); Song Sparrow, 2. **Total,** 32 species; about 1751 individuals. (In area count week: Sparrow Hawk, Fox Sparrow.) —Richard C. Hebert, Vera H. Hebert (compiler), Earle W. Lancaster, Elizabeth W. Lancaster, Robert W. Smart.

37. **Passaconaway, N. H.** (Swift River Rd. from Rocky Gorge west to near main Camp-ground, trail loop to Church and Little Church Ponds; conifers 90%, brush and hardwoods 5%, bog 5%).—Dec. 28; 7:30 a.m. to 4:30 p.m. Clear; temp. 15° to 20°; wind NW, 0-2 m.p.h.; 1-2-ft. soft snow, ponds frozen. Two observers in 1 party. Total party-hours 9 (8½ on foot, ½ by car); total party-miles, 18 (8 on foot, 10 by car). Ruffed Grouse, 5; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 21; Black-capped Chickadee, 37; Brown-capped Chickadee, 4; Red-breasted Nuthatch, 20; Brown Creeper, 7; **Am. Robin, 9**; Golden-crowned Kinglet, **24**; Purple Finch, 20; Am. Goldfinch, 44; Red Crossbill, 17; Slate-colored Junco, 2. **Total,** 15 species; about 214 individuals.—John C. McIlwaine, Tudor Richards (compiler).

38. **Bennington, Vt.** (same territory as 1955; open fields 40%, woods 30%, Hoosic and Walloomsac Rivers 10%, village 20%).—Dec. 28; 8 a.m. to 4:30 p.m. Low thin clouds; temp. 36° to 44°; no wind; 1-in. snow in shady places. Twelve observers in 8 parties. Total party-hours, 60 (48 on foot, 12 by car); total party-miles, 70 (12 on foot, 58 by car). Red-tailed Hawk, 2; Bob-white, 3; Ring-necked Pheasant, 37; Herring Gull, 1; Belted Kingfisher, 1; Hairy Woodpecker, 9; Downy Woodpecker, 17; Blue Jay, 77; Am. Crow, 174; Black-capped Chickadee, 86; White-breasted Nuthatch, 11; Ruby-crowned Kinglet, 1; Common Starling, 328; House Sparrow, 260; Red-winged Blackbird, 5; Am. Goldfinch, 35; Slate-colored Junco, 4; Am. Tree Sparrow, 72; Song Sparrow, 2. **Total,** 19 species; about 1125 individuals.—Dorothy Barrow, Henrietta Barrow, Mrs. Barbara Beecher, Mrs. R. W. Buzzell, Thomas Foster, Mrs. Hadden, John Johnson, Mrs. Margery Ludlow, Howard Nash, Mrs. Marion Riemann, Lucretius H. Ross (compiler).

39. **Burlington, Vt.** (7½-mile radius centering at College St. and lake front; deciduous woods 2%, evergreen woods 8%, residential 8%, cattail marsh 16%, plowed fields 16%, lake shore 50%).—Dec. 31; 7:30 a.m. to 4:30 p.m. Constant snowfall; temp. 2° to 11°; wind SE to NW, 10-3 m.p.h.; lake open but steaming heavily all day, shore of bays and rivers frozen. Four observers in 2 parties. Total party-hours, 13 (9 on foot, 4 by car); total party-miles, 72 (9 on foot, 63 by car). Common Loon, 2; Red-necked Grebe, 1; Horned Grebe, 14; Mallard, 1; Black Duck, 6; Pintail, 2; Greater Scaup, 2; Am. Golden-eye, 350; White-winged Scoter, 1; Am. Merganser, 56; Red-breasted Merganser, 1; Rough-legged Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 1; Great Black-backed Gull, 1; Herring Gull, 517; Ring-billed Gull, 18; Pileated Woodpecker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 1; Blue Jay, 4; Am. Crow, 24; Black-capped Chickadee, 18; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 2; Brown Creeper, 3; Winter Wren, 2; Am. Robin, 3; Golden-crowned Kinglet, 5; Gray Shrike, 1; Common Starling, 217; House Sparrow, 138; Common Redpoll, 28; Am. Goldfinch, 3; Slate-colored Junco, 1; Am. Tree Spar-

row, 76; Song Sparrow, 1. **Total,** 37 species; about 1510 individuals, (Seen in area count week: Am. Scoter, Marsh Hawk, **Purple Sandpiper,** Horned Lark, Cedar Waxwing, Evening Grosbeak, Pine Grosbeak, White-throated Sparrow.)—Mrs. Oliver R. Eastman, Richard Lavallee, Norman St. Jacques, Marion L. Smith (compiler).

40. Saxtons River, Vt. (7½-mile radius centering 2½ miles north of Westminster West to include Connecticut River from Williams River to Putney Great Meadows and Walpole, N.H.; open fields 60%, mixed woods 20%, open river 10%, residential 10%). —Dec. 26; 6 a.m. to 5 p.m. Clear; temp. 10° to 30°; no wind; ground with 8-10-in. snow, water frozen except short stretch of Conn. River. Three observers in 2 parties. Total party-hours, 14 (10 on foot, 4 by car); total party-miles, 90 (2 on foot, 88 by car). Black Duck, 46; Am. Golden-eye, 40; Am. Merganser, 4; Ruffed Grouse, 2; Herring Gull, 12; Pileated Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 2; Horned Lark, 30; Blue Jay, 47; Am. Crow, 146; Black-capped Chickadee, 52; White-breasted Nuthatch, 3; Golden-crowned Kinglet, 2; Common Starling, 45; House Sparrow, 70; **Brown-headed Cowbird,** 4; Am. Goldfinch, 7; Slate-colored Junco, 23; Am. Tree Sparrow, 36. **Total,** 20 species; about 576 individuals. (In area count week: Horned Owl.) —Doris Brainard, Angus Black (compiler), Michael Choukas.

41. Topsham, Vt. (same area as last 2 years; open farmland 54%, mixed deciduous and evergreen woods, swampy in places 37%, orchard 5%, dry pasture 4%).—Dec. 30; 6:30 a.m. to 4:30 p.m. Mostly clear, snow flurries; temp. 11° to 6°; wind NW, 3-35 m.p.h.; 8-15-in. snow on ground, small brooks partly frozen. Three observers, 2 in 1-2 parties, 1 at feeding station. Total party-hours, 16 (15 on foot and snowshoes, 1 by jeep); total party-miles, 11½ (10 on foot, 1½ by jeep). Ruffed Grouse, 3; Downy Woodpecker, 3; Blue Jay, 18; **Am. Crow, 3**; Black-capped Chickadee, 46; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 3; Brown Creeper, 2; Golden-crowned Kinglet, 14; Evening Grosbeak, 1; Purple Finch, 3; Pine Siskin, 1; Am. Goldfinch, 6; Slate-colored Junco, 35; Am. Tree Sparrow, 7. **Total,** 15 species; 150 individuals. (Common Redpoll in area count period.)—Alison Macdonald, Alison M. Macdonald, Elisabeth Macdonald (compiler).

42. Belmont, Mass. (including Fresh Pond in Cambridge, same area as previous 22 years; pasture 10%, deciduous woodland 25%, coniferous woodland 10%, marsh 15%, residential 40%).—Dec. 26; 3:30 a.m. to 8:30 p.m. Fair; temp. 20° to 32°; wind NW, 5-10 m.p.h.; noisy, crusty light snow; ponds open except Little Spy Pond. Nine observers in 7 parties. Total party-hours, 53 (43 on foot, 10 by car); total party-miles, 60 (30 on foot, 30 by car). Canada Goose, 18; Mallard, 60; Black Duck, 69; Am. Widgeon, 31; Lesser Scaup, 15; Am. Merganser, 114; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 39; Great Black-backed Gull, 19; Herring Gull, 409; **Saw-whet Owl,** 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; **Red-headed Woodpecker,** 1 (frequenting feeder for month); Hairy Woodpecker, 4; Downy Woodpecker, 12; Blue Jay, 70; Am. Crow, 49; Black-capped Chickadee, **183**; White-breasted Nuthatch, 9; Brown Creeper, 5; Am. Robin, 2; Golden-crowned Kinglet, 3; Common Starling, 181; House Sparrow, 82; **Rose-breasted Grosbeak,** 1 (male in good light—I. G.); Purple Finch, 2; Am. Goldfinch, 21; Slate-colored Junco, **142**; **Oregon Junco,** 1; Am. Tree Sparrow, **120**; White-throated Sparrow, 7; Fox Sparrow, 1; Song Sparrow, **40. Total,** 36 species; about 1723 individuals. (Seen in area count period: **Gray Shrike.**)—Peter Ames, Mrs. Francis W. Davis, Kimball C. Elkins, Mrs. Hervey B. Elkins, Charles Anthony Federer 3rd, Ivan Getting, Jr., Robert T. Paine 3rd, Mr. and Mrs. Samuel D. Robbins (compilers).

43. Cape Ann, Mass. (7½-mile radius including Gloucester, Rockport, Essex, and parts of Beverly, Manchester, Ipswich, Hamilton; same territory covered for 22 years; rocky shores, coves, sea coast, inland ponds, woodland, town suburbs, fishing docks). —Dec. 23; 8 a.m. to 4:30 p.m. Snow and rain; temp. 30° to 40°; wind NE, 15-20 m.p.h.; ground bare to light snow cover, ponds open. Twenty-six observers in 10 parties. Total party-hours, 80 (40 on foot, 40 by car); total party-miles, 300 (40 on foot, 260 by car). Common Loon, 27; Red-throated Loon, 2; Red-necked Grebe, 1; Horned Grebe, 47; **Pied-billed Grebe,** 1; Gannet, 38; European Cormorant, 51; Canada Goose, 174; Mallard, 5; Black Duck, 814; **Am. Widgeon,** 2; Greater Scaup, 2; Am. Golden-eye, 303; Buffle-head, 58; Old-squaw, 37; Harlequin Duck, 1; Common Eider, 46; White-winged Scoter, 134; Am. Scoter, 17; **Hooded Merganser,** 1; Red-breasted Merganser, 126; Red-shouldered Hawk, 1; Marsh Hawk, 2; Ring-necked Pheasant, 17; Purple Sandpiper, 141; **Red Phalarope,** 1; Glaucous Gull, 1; Iceland Gull, 8 (Kumlien's, 2); Great Black-backed Gull, 1546; Herring Gull, 7934; Ring-billed Gull, 1; Black-legged Kittiwake, 52; Dovekie, 12; Black Guillemot, 4; Screech Owl, 2; Snowy Owl, 1; Yellow-shafted Flicker, 8; Hairy Woodpecker, 6; Downy Woodpecker, 15; **Western Kingbird,** 1; Horned Lark, 53; Blue Jay, 39; Am. Crow, 117; Black-capped Chickadee, 180; White-breasted Nuthatch, 5; Brown Creeper, 2; Am. Robin, 27; Hermit Thrush, 2; Golden-crowned Kinglet, 2; **Ruby-crowned Kinglet,** 1; Cedar Waxwing, 5; Gray Shrike, 1; Common Starling, 1142; **Orange-crowned Warbler,** 1; Myrtle Warbler, 628; **Common Yellowthroat,** 1; House Sparrow, 174; Eastern Meadowlark, 3; **Baltimore Oriole,** 1; Purple Finch, 13; Am. Goldfinch, 25; Eastern Towhee, 3; Slate-colored Junco, 135; Am. Tree Sparrow, 165; White-throated Sparrow, 41; Fox Sparrow, 1; Song Sparrow, 23; Snow Bunting, 110. **Total,** 68 species (1 additional subspecies); about 14,540 individuals. (Barrow's Golden-eye, Catbird, Brown Thrasher, Brown-headed Cowbird, Swamp Sparrow seen in area count period.) [Excellent details submitted for all

unusual species—ED.]—Patricia Anderson, Donald Burke, Frances Burnett, Francis Brown, Elizabeth Foster, Mary Lela Grimes, Murray Gardler, Kenneth Hamilton, Wayne Handley, Lawrence Jodrey, Edith Halberg, Henry Halberg, Natalie King, Ralph Lawson, George Loring, C. Russell Mason (compiler), Richard S. Mason, Nathaniel C. Nash IV, Herbert W. Pratt, Alan Railsbach, William Rice, Roderic Sommers, Gerald Soucy, Charles Sutherland, Henry T. Wiggin, Douglas B. Sands.

44. **Cape Cod, Mass.** (parts of Chatham, Brewster, Orleans and Eastham; same routes as previous years, except that outer beaches could not be covered by vehicles due to heavy storm of preceding night).—Dec. 30; 6 a.m. to 5:15 p.m. Clear; temp. 18° to 14°; wind NW, 40-50 m.p.h., gusts to 80; heavy rain with SE wind previous day; cold front at 8 p.m. followed by high winds, sleet and snow, 1-3-in. accumulation; ponds open, marshes frozen around edges only. Forty observers in 7 parties. Total party-hours, 86 (38 on foot, 48 by car); total party-miles, 396 (75 on foot, 321 by car). Common Loon, 13; Horned Grebe, 22; Pied-billed Grebe, 25; Gannet, 43; European Cormorant, 1; Great Blue Heron, 17; Black-crowned Night Heron, 4; Am. Bittern, 1; Canada Goose, 1378; Am. Brant, 395; **Snow Goose, 8**; Mallard, 7; Black Duck, 625; Am. Widgeon, 1; Green-winged Teal, 3; Redhead, 2; Ring-necked Duck, 1; Greater Scaup, 72; Lesser Scaup, 4; Am. Golden-eye, 743; Buffle-head, 160; Old-squaw, 24; **Harlequin Duck,** 1; Common Eider, 5177; **King Eider, 2** (females—R. S., V. A.); White-winged Scoter, 37; Surf Scoter, 7; Am. Scoter, 7; Ruddy Duck, 111; Hooded Merganser, 9; Am. Merganser, 21; Red-breasted Merganser, 176; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 7; Ruffed Grouse, 1; Bob-white, 43; Ring-necked Pheasant, 5; Virginia Rail, 1; Am. Coot, 43; **Killdeer, 3**; Black-bellied Plover, 13; Wilson's Snipe, 18; Greater Yellowlegs, 3; **Lesser Yellow-legs,** 1 (J. B.); Red-backed Sandpiper, 451; Sanderling, 268; Great Black-backed Gull, 645; Herring Gull, 11,505; Ring-billed Gull, 181; **Black-headed Gull,** 1 (R. S.); Bonaparte's Gull, **221**; Black-legged Kittiwake, 3; Razor-billed Auk, 1; Dovekie, 7; Mourning Dove, 33; **Barn Owl,** 1; Long-eared Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 62; Hairy Woodpecker, 3; Downy Woodpecker, 15; Horned Lark, 91; Blue Jay, 73; Am. Crow, 326; Black-capped Chickadee, 501; White-breasted Nuthatch, 1; Brown Creeper, 3; Carolina Wren, 2; Mockingbird, 4; Catbird, 5; Brown Thrasher, 1; Am. Robin, **281**; Hermit Thrush, 7; Eastern Bluebird, 29; Golden-crowned Kinglet, 46; Ruby-crowned Kinglet, 6; Cedar Waxwing, 6; Gray Shrike, 3; **Loggerhead Shrike,** 1 (D. J.); Common Starling, 1826; **Black and White Warbler,** 1 (at feeder all month); **Orange-crowned Warbler,** 2; Myrtle Warbler, 1873; Pine Warbler, 2; Palm Warbler, 23 (Western, 18); **Oven-bird,** 1 (captured); Common Yellowthroat, 1; **Yellow-breasted Chat,** 4; House Sparrow, 517; Eastern Meadowlark, 60; Red-winged Blackbird, 1; **Baltimore Oriole,** 2 (D. J., J. B.); Brown-headed Cowbird, **132**; Purple Finch, 5; Am. Goldfinch, 115; Eastern Towhee, 12; Savannah Sparrow, 13; Sharp-tailed Sparrow, 3; Seaside Sparrow, 4; Slate-colored Junco, 116; Am. Tree Sparrow, 210; Chipping Sparrow, 1; Field Sparrow, 5; **White-crowned Sparrow,** 1; White-throated Sparrow, 114; Fox Sparrow, 5; Swamp Sparrow, 20; Song Sparrow, 115; Lapland Longspur, 2; Snow Bunting, 10. **Total,** 116 species (1 additional subspecies); about 29,246 individuals. (Canvas-back, Rusty Blackbird, Purple Grackle seen day before and after count, 1000 Am. Brant seen day before which represents true wintering population.)—Patricia Anderson, Virginia Armstrong, William Bachrach, Mr. and Mrs. John Beattie, Robert Benjamin, Richard Bowen, Donald Burke, Henry Cutler, Richard Dunn, Osborne Earl, Richard Eaton, Stephen Emerson, Mrs. Maurice Emery, Roger Fenn, Robert Fox, Murray Gardler, Richard Gelphe, Mrs. Robert Gibbs, Mr. and Mrs. Henry Halberg, Kenneth Hamilton, William Hartel, Norman Hill, Richard Hinchman, Mr. and Mrs. Daniel Johnson, Allan Keith, Richard Kleber, Stephen Lane, Donald Manchester, Henry Parker (compiler), Robert Peek, Al Railsbach, Douglas Sands, Mrs. Kathryn Shaffer, Robert Smart, Roderic Sommers, Charles Sutherland, Charles Ward.

45. **Falmouth, Mass.** (7½-mile radius centering in East Falmouth, including coast from Cotuit to Woods Hole and Woods Hole to Pocasset; ocean and coast line 50%, scrub pine 20%, fields and farmlands 15%, residential 10%, ponds 5%).— Dec. 22; 5:30 a.m. to 4:30 p.m. Partly cloudy a.m., rain p.m.; temp. 34° to 40°; wind NW, 4-7 m.p.h.; ground bare, ponds open. Six observers in 3 parties. Total party-hours, 18 (8 on foot, 10 by car); total party-miles, 110 (5 on foot, 105 by car). Common Loon, 34; Horned Grebe, 404; Pied-billed Grebe, 3; European Cormorant, 12; Mallard, 24; Black Duck, 16; Am. Widgeon, 198; Green-winged Teal, 2; Ring-necked Duck, 8; Canvas-back, 1; Greater Scaup, 700; Am. Golden-eye, 420; Buffle-head, 50; Old-squaw, 16; Common Eider, 1; White-winged Scoter, 83; Surf Scoter, 3; Ruddy Duck, 3; Red-breasted Merganser, 550; Red-tailed Hawk, 3; Marsh Hawk, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 1; Am. Coot, 41; Killdeer, 3; Purple Sandpiper, 5; Great Black-backed Gull, 22; Herring Gull, 600; Ring-billed Gull, 2; Bonaparte's Gull, 213; Mourning Dove, 4; Horned Owl, 2; Belted Kingfisher, 4; Yellow-shafted Flicker, 17; Downy Woodpecker, 6; Blue Jay, 21; Am. Crow, 88; Black-capped Chickadee, 105; White-breasted Nuthatch, 5; **Mockingbird,** 1 (carefully studied); Catbird, 2; Am. Robin, 86; Hermit Thrush, 3; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 2; Cedar Waxwing, 49; Loggerhead Shrike, 1; Common Starling, 1425; **Orange-crowned Warbler,** 2; Myrtle Warbler, 248; **Common Yellowthroat,** 1; House Sparrow, 46; Purple Finch, 13; Am. Goldfinch, 40; Eastern Towhee, 4; Slate-colored Junco, 11; Am. Tree Sparrow, 32; Field Sparrow, 1; White-throated Sparrow, 25; Fox Sparrow, 3; Song Sparrow, 28. **Total,** 61 species; about 5700 individuals. (Redhead, **Western Kingbird,** Palm Warbler, **Western Tanager**

seen count period.) [Careful details submitted for both Western Kingbird and Western Tanager—Ed.] —Charles M. Crain, Ethel M. Crowell, Prince S. Crowell, Dorothy D. Fordyce, Sarah P. Gibbs (compiler), George F. Kelly.

46. Greenfield, Mass. (7½-mile radius centering on Franklin County Fair Grounds; fields and meadows 40%, woodlands 20%, populated areas 15%, marshland 15%, water areas 10%).—Dec. 23; 7:45 a.m. to 4 p.m. Cloudy, freezing rain early and late; temp. 25° to 35°; wind NW, 0-15 m.p.h.; 6-in. base snow with 2-in. fresh powder, ponds iced over, river mainly unfrozen. Thirteen observers in 9 parties. Total party-hours, 36 (8 on foot, 28 by car); total party-miles, 135 (10 on foot, 125 by car). **Horned Grebe, 1**; Canada Goose, 7; Black Duck, 22; Am. Golden-eye, 16; Hooded Merganser, 4; Am. Merganser, 71; Goshawk, 1; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 13; Wilson's Snipe, 2; Herring Gull, 17; Mourning Dove, 8; Horned Owl, 3; Belted Kingfisher, 1; Hairy Woodpecker, 9; Downy Woodpecker, 20; Horned Lark, 20; Blue Jay, 334; Am. Crow, 102; Black-capped Chickadee, 112; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 1; Am. Robin, 2; Golden-crowned Kinglet, 1; Gray Shrike, 4; Common Starling, 478; House Sparrow, 1296; Brown-headed Cowbird, 3; Am. Goldfinch, 128; **Eastern Towhee, 2** (at feeding stations); Slate-colored Junco, 478; Am. Tree Sparrow, 487; White-throated Sparrow, 1; Song Sparrow, 8. **Total,** 38 species; about 3683 individuals. (Seen outside census circle: **Lincoln's Sparrow** (G. A. W.); in area count period: Red-headed Woodpecker.)—Mrs. Carlos Allen, John L. Bagg, Samuel A. Eliot, Raymond Hale, Mr. and Mrs. Robert Harrington, Harriet Harris, David Hirth, Mary Holmes, William Osgood, Mrs. Erwin Reed, Cristobel S. Rockwood, Glenn A. Weeks (compiler).

47. Jamaica Plain–Brookline, Mass. (2-mile radius centering at Children's Museum, Jamaica Plain, and including Arnold Arboretum, Sargent Estate and Jamaica, Ward's and Leverett's Ponds; municipal park 80%, ponds and streams 10%, mixed woods 10%).—Dec. 26; 8 a.m. to 4 p.m. Clear; temp. 18° to 26°; wind WNW, 8-12 m.p.h.; ground with 2-6-in snow, small ponds frozen, large ones open. Ten observers in 1 party. Total party-hours, 8 (8 on foot); total party-miles, 12 (12 on foot). Snow Goose, 1; Mallard, 91; Black Duck, 114; Lesser Scaup, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 4; Am. Coot, 26; Great Black-backed Gull, 4; Herring Gull, 71; Ring-billed Gull, 1; Mourning Dove, 6; Yellow-shafted Flicker, 3; Downy Woodpecker, 1; Blue Jay, 14; Am. Crow, 9; Black-capped Chickadee, 26; White-breasted Nuthatch, 4; Am. Robin, 5; Common Starling, 200; House Sparrow, 27; Slate-colored Junco, 12; Am. Tree Sparrow, 3; White-throated Sparrow, 8; Song Sparrow, 6. **Total,** 24 species; about 638 individuals.—Leo Baldyga, David Coutts, Miriam E. Dickey (compiler), Billy Gendrolius, Neil Green, Karsten Hartel, Kevin Lynch, Regina McArdle, Judith Roche, Tina Schultz (Children's Museum Bird Club).

48. Marshfield, Mass. (same area as last year).—Dec. 27; 7:30 a.m. to 5 p.m. Clear a.m., cloudy, snowy p.m.; temp. 16° to 37°; wind NW to SE, 0-7 m.p.h.; ground bare, light skim of ice on ponds. Seven observers in 5 parties. Total party-hours, 25 (22 on foot, 3 by car); total party-miles, 69 (22 on foot, 47 by car). Common Loon, 47; Red-throated Loon, 25; Red-necked Grebe, 1; Horned Grebe, 35; Gannet, 5; European Cormorant, 21; **Great Blue Heron, 1**; Canada Goose, 11; Am. Brant, 5; Black Duck, 37; Am. Golden-eye, 165; Buffle-head, 6; Old-squaw, 33; Common Eider, 60; White-winged Scoter, 415; Surf Scoter, 3; Red-breasted Merganser, 71; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 1; Bob-white, 6; Ring-necked Pheasant, 3; Purple Sandpiper, 5; Red-backed Sandpiper, **300**; Great Black-backed Gull, 27; Herring Gull, 946; Ring-billed Gull, 18; Bonaparte's Gull, 2; Black-legged Kittiwake, 1; Mourning Dove, 12; Short-eared Owl, 4; Yellow-shafted Flicker, 20; Downy Woodpecker, 25; Horned Lark, 5; Blue Jay, 86; Am. Crow, 67; Black-capped Chickadee, 210; White-breasted Nuthatch, 7; Brown Creeper, 1; Winter Wren, 1; **Catbird, 2**; **Brown Thrasher, 1**; Am. Robin, 142; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 2; Gray Shrike, 2; Common Starling, 339; **Yellow-breasted Chat, 1**; Myrtle Warbler, 104; House Sparrow, 162; Eastern Meadowlark, 42; Purple Finch, 35; Am. Goldfinch, 20; **Eastern Towhee, 2**; Slate-colored Junco, 117; Am. Tree Sparrow, 141; White-throated Sparrow, 46; Fox Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 27. **Total,** 62 species; about 3888 individuals. (In area count period: Red-tailed Hawk, Am. Coot, Sanderling, **Canada Jay, Cardinal,** Snow Bunting.)—Rosella S. Ames (compiler), Charlotte Brown, Marian V. Brown, Peter Isleib, Alice E. Kingman, Allen Richardson, A. A. Wills.

49. Nantucket, Mass. (the whole island included in a 7½-mile radius, north to Great Point, east to Siasconset, south to Pines and Larches and Mothball Pines, west to Eel and Smith's Points; ocean 20%, harbor 10%, beaches and salt marshes 25%, fresh-water ponds 10%, deciduous and pine woods 10%, moors and open farmland 20%, roadside thickets 5%).—Dec. 23; 7 a.m. to 4 p.m. Rain and fog; temp. 40° to 45°; wind E, 35 m.p.h., becoming light, variable; ground bare, water open. Fourteen observers in 3 parties. Total party-hours, 21 (2 on foot, 19 by car); total party-miles, 145 (2 on foot, 143 by car). Common Loon, 27; Red-throated Loon, 11; Horned Grebe, 11; Pied-billed Grebe, 4; Gannet, **100**; European Cormorant, 3; Great Blue Heron, 4; Canada Goose, 58; Am. Brant, 2; Black Duck, 108; Am. Widgeon, 107; Redhead, 40; Greater Scaup, 100; Am. Golden-eye, 76; Buffle-head, 63; Old-squaw, 36; **Harlequin Duck, 1**; Common Eider, 1007; White-winged Scoter, 6008; Surf Scoter, 2; Am. Scoter, 1; Red-breasted Merganser, 133; Red-tailed Hawk, 6; Rough-legged Hawk, 2; Marsh Hawk, 6; Sparrow Hawk, 3; Bob-white, 19; Ring-necked Pheasant, 7; Am. Coot, 100; Black-bellied Plover, 12;

Ruddy Turnstone, 7; Red-backed Sandpiper, 5; Sanderling, 60; Great Black-backed Gull, 194; Herring Gull, 1754; Bonaparte's Gull, 18; **Black-legged Kittiwake, 2; Snowy Owl, 2;** Yellow-shafted Flicker, 22; Horned Lark, 134; Blue Jay, 2; Am. Crow, 69; Black-capped Chickadee, 12; Am. Robin, 4; Golden-crowned Kinglet, 3; Gray Shrike, 3; Common Starling, 1514; Myrtle Warbler, 89; Palm Warbler, 7 (1 Yellow); House Sparrow, 45; Eastern Meadowlark, 4; Eastern Towhee, 1; **Ipswich Sparrow, 3;** Slate-colored Junco, 3; Am. Tree Sparrow, 6; Fox Sparrow, 1; Song Sparrow, 17; Snow Bunting, 24. **Total,** 58 species (1 additional subspecies); about 12,062 individuals. (Seen count period: Red-necked Grebe, Gadwall, Green-winged Teal, Short-eared Owl, Hairy Woodpecker, Downy Woodpecker, Mockingbird, Cedar Waxwing, Red-winged Blackbird, **Baltimore Oriole,** Dickcissel, Am. Goldfinch, Savannah Sparrow, **Field Sparrow.**)—Clinton Andrews, Edith Andrews (compiler), Kenneth Blackshaw, Sydney Coffin, Mabel Depue, Charles Ferreira, Mr. and Mrs. Philip B. Heywood, Helen Lewin, Mrs. John Lewin, John Lovett, George Seeley, Elizabeth Van Duyne, Rena White.

50. Newburyport, Mass. (same territory as last 17 years).—Dec. 23; 6:30 a.m. to 5 p.m. Snow, rain, sleet; temp. 20° to 35°; wind NE, 15-25 m.p.h.; 3-12-in. ground snow, ponds partly frozen, ocean very rough. Twenty-four observers in 6 parties. Total party-hours, 65 (18 on foot, 47 by car); total party-miles, 270 (20 on foot, 250 by car). Common Loon, 7; Red-throated Loon, 2; Red-necked Grebe, 3; Horned Grebe, 67; Pied-billed Grebe, 1; Gannet, 15; Great Blue Heron, 1; Canada Goose, 606; Mallard, 71; Black Duck, 8761; Am. Widgeon, 50; Pintail, 35; Green-winged Teal, **80;** Greater Scaup, 351; Am. Golden-eye, 1353; Buffle-head, 215; Old-squaw, 353; Common Eider, 1; White-winged Scoter, 24; Surf Scoter, 1; Ruddy Duck, 19; Am. Merganser, 11; Red-breasted Merganser, 453; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 5; Sparrow Hawk, 3; Ruffed Grouse, 2; Ring-necked Pheasant, 54; **Am. Coot, 5; Wilson's Snipe, 5; Lesser Yellow-legs, 1;** Sanderling, 10; Iceland Gull, 1; Great Black-backed Gull, 97; Herring Gull, 2001; Ring-billed Gull, 15; **Black-headed Gull, 1** (L. G. party); Bonaparte's Gull, 612; Black-legged Kittiwake, 8; Mourning Dove, 19; Snowy Owl, 2; Short-eared Owl, 1; Yellow-shafted Flicker, 4; Hairy Woodpecker, 14; Downy Woodpecker, 56; Horned Lark, 73; Blue Jay, 261; Am. Crow, 193; Black-capped Chickadee, 486; White-breasted Nuthatch, 10; Brown Creeper, 3; **Mockingbird, 1;** Am. Robin, 10; Golden-crowned Kinglet, 2; Gray Shrike, 1; Common Starling, 4494; Myrtle Warbler, 37; House Sparrow, 1056; Eastern Meadowlark, 12; **Baltimore Oriole,** 1 (regular at feeders); Brown-headed Cowbird, 3; **Dickcissel,** 1 (regular at feeders); Purple Finch, 16; Am. Goldfinch, 47; Slate-colored Junco, 270; **Oregon Junco,** 1; Am. Tree Sparrow, 591; **White-crowned Sparrow,** 1 (E. B.); White-throated Sparrow, 15; Swamp Sparrow, 2; Song Sparrow, 12; Lapland Longspur, 55; Snow Bunting, 16. **Total,** 76 species; about 23,070 individuals.—Mr. and Mrs. D. C. Alexander, Peter Ames, Mr. and Mrs. Arthur Argue, Mr. and Mrs. Thomas Banes, Eleanor Barry, Edgar Batchelder, John Beatty, David Carson, Frances Elkins, Mrs. Ruth Emery, Mrs. Fitzsimmons, Elmer Foye, Ludlow Griscom, Winthrop Harrington, Stuart K. Harris, Alan Keith, Richard Kleber, Allen Morgan, Chauncy Nash, Robert T. Paine, Leland Strickland.

51. Northampton, Mass. (same circle as last 22 years).—Dec. 30; 5:30 a.m. to 4:30 p.m. Fair; temp. 0° to 20°; wind NW, 10-25 m.p.h.; 1-2-in. new snow over crust, river high with much floating ice. Sixty-four observers, 31 near their homes, 33 afield in 18 parties. Mallard, 8; Black Duck, 86; Am. Golden-eye, 32; Am. Merganser, 49; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 10; Ruffed Grouse, 3; Ring-necked Pheasant, 119; Herring Gull, 23; Ring-billed Gull, 3; Mourning Dove, 26; Horned Owl, 4; Belted Kingfisher, 2; Pileated Woodpecker, 5; Hairy Woodpecker, 36; Downy Woodpecker, 90; **Arctic Woodpecker, 1;** Horned Lark, 300; Blue Jay, 341; Am. Crow, 930; Black-capped Chickadee, 308; White-breasted Nuthatch, 64; Brown Creeper, 20; Winter Wren, 1; Carolina Wren, 1; Am. Robin, 62; Hermit Thrush, 1; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 3; Cedar Waxwing, 36; Gray Shrike, 1; Common Starling, 1550; House Sparrow, 1650; Eastern Meadowlark, 1; Brown-headed Cowbird, 1; Purple Finch, 3; Am. Goldfinch, 88; Slate-colored Junco, 840; Am. Tree Sparrow, 1025; Field Sparrow, 1; White-throated Sparrow, 16; Swamp Sparrow, 6; Song Sparrow, 39; Snow Bunting, 2. **Total,** 48 species; about 7807 individuals. (Seen in period: Mockingbird, Evening Grosbeak, **Oregon Junco,** Chipping Sparrow, Fox Sparrow.)—L. Ballman, L. M. Bartlett (compiler), Elizabeth Boyd, S. A. Eliot, Margaret Ellsworth, Allen Mytkowicz, Gus Solzak, Rudolph Stone, Glenn A. Weeks, Richard Zurowski.

52. Quincy, Mass. (Squantum, Moon Island, Wollaston, Milton, Braintree, Hingham, Hull; shore 60%, salt marsh 10%, open woods and park 25%, residential 5%).—Dec. 22; 7 a.m. to 5 p.m. Partly cloudy a.m., rain p.m.; temp. 30° to 44°; wind E, 5-25 m.p.h.; ground partly frozen, fresh water open. Nine observers in 3 parties. Total party-hours, 29 (19 on foot, 10 by car); total party-miles, 163 (8 on foot, 155 by car). Common Loon, 6; Red-throated Loon, 4; Horned Grebe, 67; European Cormorant, 119; Great Blue Heron, 3; Black-crowned Night Heron, 1; Mallard, 21; Black Duck, 1177; Gadwall, 1; Am. Widgeon, 13; Pintail, 5; Green-winged Teal, 8; **Blue-winged Teal,** 1; Ring-necked Duck, 1; Canvas-back, 7; Greater Scaup, 4620; Lesser Scaup, 2; Am. Golden-eye, 329; Buffle-head, 311; Old-squaw, 3; King Eider, 1; White-winged Scoter, 346; Surf Scoter, 1; Am. Scoter, 8; Ruddy Duck, 17; Am. Merganser, 1; Red-breasted Merganser, 126; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 8; Ring-necked

Pheasant, 8; Clapper Rail, 1; Am. Coot, 1; Purple Sandpiper, 8; Great Black-backed Gull, 108; Herring Gull, 3400; Ring-billed Gull, 20; **Black-headed Gull,** 1; Mourning Dove, 5; Short-eared Owl, 7; Belted Kingfisher, 2; Yellow-shafted Flicker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 9; Horned Lark, 6; Blue Jay, 92; Am. Crow, 80; Black-capped Chickadee, 60; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Brown Creeper, 1; Long-billed Marsh Wren, 2; Am. Robin, 7; Hermit Thrush, 1; Golden-crowned Kinglet, 2; Water Pipit, 2; Cedar Waxwing, 6; Common Starling, 40,000; Myrtle Warbler, 5; **Common Yellowthroat,** 1; House Sparrow, 400; Eastern Meadowlark, 27; Purple Finch, 3; Am. Goldfinch, 16; **Eastern Towhee,** 1; Savannah Sparrow, 9; Slate-colored Junco, 106; Am. Tree Sparrow, 134; Field Sparrow, 6; White-throated Sparrow, 27; Swamp Sparrow, 4; Song Sparrow, 46. **Total,** 74 species; about 51,841 individuals.—G. Allen, R. Fox, W. Harrington, S. Higginbotham (compiler), J. Howland, J. McDaniel, J. O'Regan, E. Romaine, G. Wilson.

53. **Springfield, Mass.** (same circle as last year). —Dec. 29; 7 a.m. to 5 p.m. Rain and snow all day; temp. 32° to 35°; wind NE, 3-12 m.p.h.; ground covered with snow, ponds frozen, river open. Forty-five observers in 14 parties. Total party-hours, 74 (31 on foot, 43 by car); total party-miles, 351 (48 on foot, 303 by car). Canada Goose, 8 (feral); Mallard, 300 (many feral); Black Duck, 114; Pintail, 1; Am. Golden-eye, 6; Am. Merganser, 25; Red-shouldered Hawk, 1; Bald Eagle, 1; Marsh Hawk, 1; Sparrow Hawk, 7; Ruffed Grouse, 6; Ring-necked Pheasant, 76; Herring Gull, 246; Ring-billed Gull, 32; Mourning Dove, 33; Horned Owl, 1; Belted Kingfisher, 3; Hairy Woodpecker, 11; Downy Woodpecker, 31; Horned Lark, 130; Blue Jay, 391; Am. Crow, 3120; Black-capped Chickadee, 226; White-breasted Nuthatch, 21; Red-breasted Nuthatch, 1; Brown Creeper, 12; Winter Wren, 2; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 3; Gray Shrike, 1; Common Starling, 5100; House Sparrow, 1026; Eastern Meadowlark, 22; Rusty Blackbird, 1; Purple Grackle, 4; Brown-headed Cowbird, 1; Purple Finch, 2; Am. Goldfinch, 63; Eastern Towhee, 1; Slate-colored Junco, 225; Am. Tree Sparrow, 691; White-throated Sparrow, 8; Fox Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 35. **Total,** 45 species; about 12,012 individuals. (Seen during period: Green-winged Teal, Dickcissel.)—Mr. and Mrs. H. Arthur Avery, Richard L. Ballman (compiler), Mr. and Mrs. Moreton R. Bates, John Burek, Ruth L. Clifford, S. A. Eliot, Jr., Mr. and Mrs. J. Edward Hyde, Raymond I. Longley, Jr., Robert Merhar, John G. O'Connor, Mabel A. Potter, George P. Rickards, Howard W. Schold, Bruce Scobie, Rudolph H. Stone, Olga Thyberg, Gladys C. Todd, William A. Tompkins, Mr. and Mrs. Daniel C. Trombla, Mildred A. Tyler, Florence G. Wood.

54. **Ware, Mass.** (east to Hardwick, West Brookfield and Warren, south on Ware River to Palmer Airport, north along Muddy Brook to Hardwick Pond, west to Lower Quabbin Reservoir and watershed; town gardens 5%, farmland 20%, woodland 15%, marsh 20%, reservoirs and watersheds 40%).—Jan. 1; 7 a.m. to 4 p.m. Fair to lightly overcast; temp. 10° to 20°; wind NW, 0-30 m.p.h.; 4-6-in. crusty snow, south end of reservoir and swiftest rapids not frozen. Thirteen observers in 6 parties. Total party-hours, 35 (16 on foot, 19 by car); total party-miles, 55 (15 on foot, 40 by car). Mallard, 6; Black Duck, 214; Am. Golden-eye, 15; Am. Merganser, 124; Cooper's Hawk, 1; Red-tailed Hawk, 2; Bald Eagle, 1; Ruffed Grouse, 8; Ring-necked Pheasant, 4; Herring Gull, 43; Belted Kingfisher, 1; Hairy Woodpecker, 7; Downy Woodpecker, 16; Blue Jay, 145; Am. Crow, 39; Black-capped Chickadee, 61; White-breasted Nuthatch, 7; Brown Creeper, 1; Gray Shrike, 4; Common Starling, 165; House Sparrow, 259; **Bullock's Oriole,** 1 [Excellent unquestionable details submitted—Ed.]; Brown-headed Cowbird, 3; Purple Finch, 1; Am. Goldfinch, 10; Slate-colored Junco, 54; Am. Tree Sparrow, 107; White-throated Sparrow, 2; Song Sparrow, 3. **Total,** 29 species; about 1304 individuals. (Seen in area count period: Hooded Merganser.)—L. G. Albertine, M. E. Albertine, S. T. Berube, W. H. Berube, L. A. Campbell, L. M. Campbell, D. D. Conkey, J. H. Conkey (compiler), R. G. Cutler, N. A. Descoteaux, L. D. Granger, M. D. Granger, L. R. Marland (Quabbin Bird Club).

55. **Worcester, Mass.** (including Boylston, W. Boylston, Sterling and SW Clinton, all within 15-mile diameter).—Dec. 24; 8:30 a.m. to 4:30 p.m. Rainy until 3 p.m.; temp. 28° to 32°; wind NNE to SW, 2-3 m.p.h.; 2-in. crusted snow, ice on trees, 4 out of 5 large bodies of water ice-free. Five observers in 2 parties. Total party-hours, 9; total party-miles, 65 (1 on foot, 64 by car). Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 1; Mallard, 6; Black Duck, 143; Ring-necked Duck, 3; Greater Scaup, 1; Am. Golden-eye, 6; Hooded Merganser, 6; Am. Merganser, 46; Herring Gull, 106; Mourning Dove, 4; Downy Woodpecker, 3; Blue Jay, 21; Am. Crow, 13; Black-capped Chickadee, 12; White-breasted Nuthatch, 1; Common Starling, 58; House Sparrow, 40; Slate-colored Junco, 18; **Oregon Junco,** 1 (carefully identified at feeder); Am. Tree Sparrow, 6; Song Sparrow, 1. **Total,** 23 species; 498 individuals.—Davis H. Crompton (compiler), Mrs. Viola G. Crompton, Walter J. Fleming, Mrs. Walter J. Fleming, Francis X. McMenemy.

56. **Newport County, R. I., and Westport, Mass.** (same area and coverage as last 7 years but smaller, more numerous parties).—Dec. 23; 6:15 a.m. to 5:15 p.m. Drizzle and rain all day; temp. 30° to 39°; wind NNE, 5-10 m.p.h.; ground bare, ponds open. Twenty-five observers in 11 parties. Total party-hours, 123 (63 on foot, 60 by car); total party-miles, 324 (67 on foot, 257 by car). Common Loon, 49; Red-throated Loon, 34; Red-necked Grebe, 4; Horned Grebe, 191; Pied-billed Grebe, 17; European Cormorant, 309; Great Blue Heron, 22; **Am. Egret,** 1; Black-crowned Night Heron, 5; Am. Bittern, 2; Mute Swan, 110; **Whistling Swan,** 2; Canada Goose, 128; Mal-

lard, 10; Black Duck, 716; Am. Widgeon, 1170; Pintail, 10; Green-winged Teal, 10; Redhead, 225; Ring-necked Duck, 10; Canvas-back, 43; Greater Scaup, 249; Lesser Scaup, 1; Am. Golden-eye, 699; Bufflehead, 150; Old-squaw, 1; Common Eider, 34; White-winged Scoter, 626; Surf Scoter, 303; Am. Scoter, 223; Ruddy Duck, 117; Hooded Merganser, 8; Am. Merganser, 57; Red-breasted Merganser, 789; Goshawk, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 4; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Rough-legged Hawk, 4; Marsh Hawk, 14; **Pigeon Hawk, 1**; Sparrow Hawk, 20; Bob-white, 6; Ring-necked Pheasant, 25; Clapper Rail, 1; Virginia Rail, 1; Am. Coot, 2375; Killdeer, 30; Wilson's Snipe, 10; Lesser Yellow-legs, 1; Purple Sandpiper, 198; Red-backed Sandpiper, 133; Sanderling, 4; Glaucous Gull, 1; Great Black-backed Gull, 161; Herring Gull, 2828; Ring-billed Gull, 112; **Black-headed Gull, 1**; Laughing Gull, 1; Bonaparte's Gull, 695; Mourning Dove, 71; Barn Owl, 2; Screech Owl, 5; Horned Owl, 5; Long-eared Owl, 1; Short-eared Owl, 3; Saw-whet Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 90; Hairy Woodpecker, 7; Downy Woodpecker, 28; Horned Lark, 321; Blue Jay, 90; Am. Crow, 498; Fish Crow, 1; Black-capped Chickadee, 242; White-breasted Nuthatch, 8; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 37; Long-billed Marsh Wren, 6; Mockingbird, 9; Catbird, 51; Brown Thrasher, 3; Am. Robin, **1045**; Hermit Thrush, 9; Eastern Bluebird, 17; Golden-crowned Kinglet, 37; Ruby-crowned Kinglet, 20; Cedar Waxwing, 8; Loggerhead Shrike, 3; Common Starling, 8625; **Orange-crowned Warbler, 4**; Myrtle Warbler, 795; Palm Warbler, 2; Yellow-breasted Chat, 3; House Sparrow, 520; Eastern Meadowlark, 284; Red-winged Blackbird, 23; **Bullock's Oriole, 1**; Brown-headed Cowbird, 1314; Purple Finch, 12; Am. Goldfinch, 75; Eastern Towhee, 95; Ipswich Sparrow, 2; Savannah Sparrow, 109; Vesper Sparrow, 1; Slate-colored Junco, 218; Am. Tree Sparrow, 716; Field Sparrow, 47; White-throated Sparrow, 618; Fox Sparrow, 16; Swamp Sparrow, 49; Song Sparrow, 236; Lapland Longspur, 2; Snow Bunting, 93. **Total,** 117 species; about 29,450 individuals. [Exceptionally neat report, careful details for all unusual observations—Ed.]—J. Baird, B. Blackwell, C. Blake, R. Bowen, H. E. Childs, R. C. Clement (compiler), N. Clements, S. S. Dana, Mrs. A. G. Davenport, W. B. Dean, W. B. Drury, Jr., D. L. Emerson, R. Ferren, N. P. Hill, D. L. Kraus, D. Mischke, F. Perry, B. S. Ridgely, Mrs. J. Riley, G. Rae, Mrs. F. H. Snell, J. Sullivan, G. E. Troy, Jr., E. Weeks, R. West.

57. South Kingstown, R. I. (same area as last 6 years).—Jan. 1; 6:15 a.m. to 5 p.m. Clear to partly cloudy; temp. 15° to 24°; wind NW, 5-20 m.p.h.; ground covered by 2-in. granular snow, fresh ponds frozen, brackish ponds 50% frozen. Twenty observers in 5 parties. Total party-hours, 48 (32 on foot, 16 by car); total party-miles, 250 (35 on foot, 215 by car). Common Loon, 67; **Arctic Loon, 2** (carefully identified—2 parties), Red-throated Loon, 35; Horned Grebe, 100; Pied-billed Grebe, 34; Gannet, 23; European Cormorant, 54; Great Blue Heron, 26; Mute Swan, 2; Canada Goose, 35; Mallard, 57; Black Duck, **2500**; Am. Widgeon, 74; Pintail, 2; Green-winged Teal, 6; Redhead, 3; Canvas-back, 29; Greater Scaup, 750; Am. Golden-eye, 670; Buffle-head, 50; Common Eider, 2; **King Eider, 1**; White-winged Scoter, 57; Surf Scoter, 1; Am. Scoter, 1; Ruddy Duck, 24; Hooded Merganser, 19; Am. Merganser, 76; Red-breasted Merganser, 350; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 2; Bald Eagle, 1; Marsh Hawk, 9; Sparrow Hawk, 2; Ruffed Grouse, 1; Bob-white, 19; Ring-necked Pheasant, 1; Virginia Rail, 1; Am. Coot, 4; Killdeer, 3; Wilson's Snipe, 1; Purple Sandpiper, 29; Red-backed Sandpiper, 13; Great Black-backed Gull, 66; Herring Gull, 900; Ring-billed Gull, 89; Black-headed Gull, 1 (carefully studied in Bonaparte's flock); Bonaparte's Gull, 430; **Black-legged Kittiwake, 3** (Baird party); Mourning Dove, 87; Short-eared Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 18; Hairy Woodpecker, 4; Downy Woodpecker, 17; Horned Lark, 325 (3 Prairie); Blue Jay, 44; Am. Crow, 450; Black-capped Chickadee, 158; White-breasted Nuthatch, 4; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 6; Long-billed Marsh Wren, 1; **Mockingbird, 1**; Catbird, 10; Brown Thrasher, 5; Am. Robin, 14; Hermit Thrush, 7; Eastern Bluebird, 38; Golden-crowned Kinglet, 7; **Ruby-crowned Kinglet, 6**; **Water Pipit, 1**; Loggerhead Shrike, 2; Common Starling, 1450; Myrtle Warbler, 650; **Pine Warbler, 1**; House Sparrow, 130; Eastern Meadowlark, 160; Red-winged Blackbird, 3; **Rusty Blackbird, 16**; **Baltimore Oriole, 1** (present for some time); Brown-headed Cowbird, 113; Purple Finch, 3; Am. Goldfinch, 7; Eastern Towhee, **37**; Ipswich Sparrow, 2; Savannah Sparrow, **88**; Vesper Sparrow, **30**; Slate-colored Junco, 340; Am. Tree Sparrow, 590; **Chipping Sparrow, 1**; Field Sparrow, **92**; White-throated Sparrow, 210; Fox Sparrow, 10; Swamp Sparrow, 29; Song Sparrow, 110; Lapland Longspur, 2; Snow Bunting, 20. **Total,** 101 species (1 additional subspecies); about 11,949 individuals. (Red-necked Grebe, Old-squaw seen count period.)—J. Baird, S. Crawford, Mr. and Mrs. T. M. Curry, Jr., Mrs. A. G. Davenport, H. R. Day, R. L. Ferren, Mr. and Mrs. H. Gates, T. C. Greene, Jr., P. Isleib, Mrs. K. Kinsey, D. L. Kraus (compiler), Mrs. E. G. Parker, Frances Perry, G. Rae, Mahmud Thamer, Elisabeth Weeks, R. West, C. Wood (Little Rest Bird Club).

58. Greenwich–Stamford, Conn. (Essentially Port Chester, N. Y. count of 35 years standing moved slightly; 7½-mile radius centering on Merritt Pky., ¼ mile east of North St. Includes all of Greenwich and Stamford plus parts of Darien and New Canaan, also Westchester County from Port Chester to Bedford Village).—Dec. 23; 6:30 a.m. to 4:30 p.m. Clear; temp. 20° to 30°; wind NW, 15-20 m.p.h.; ground bare and slightly frozen, water open. Fifty-eight observers in 19 parties. Total party-hours, 79 (44 on foot, 29 by car, 6 by boat), total party-miles, 328 (98 on foot, 222 by car, 8 by boat). Common Loon, 3; Red-throated Loon, 6; Red-necked Grebe, 2; Horned Grebe, 249; Pied-billed Grebe, 9; European

Cormorant, 13; Great Blue Heron, 11; Black-crowned Night Heron, 40; Mute Swan, 36; Canada Goose, 176; Mallard, 357; Black Duck, 1233; Am. Widgeon, 19; Ring-necked Duck, 84; Canvas-back, 4; Greater Scaup, 2875; Am. Golden-eye, 180; Buffle-head, 228; Old-squaw, 169; White-winged Scoter, 213; Surf Scoter, 24; Am. Scoter, 7; Ruddy Duck, 2; Hooded Merganser, 29; Am. Merganser, 86; Red-breasted Merganser, 153; Red-tailed Hawk, 7; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 10; Ruffed Grouse, 5; Ring-necked Pheasant, 15; Am. Coot, 3; Killdeer, 11; Greater Yellow-legs, 1; Great Black-backed Gull, 33; Herring Gull, 2392; Ring-billed Gull, 16; Laughing Gull, 10; Bonaparte's Gull, 1; Mourning Dove, 139; Screech Owl, 1; Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 13; Yellow-shafted Flicker, 17; Pileated Woodpecker, 6; Hairy Woodpecker, 36; Downy Woodpecker, 132; Horned Lark, 8; Blue Jay, 469; Am. Crow, 829; Black-capped Chickadee, 537; Tufted Titmouse, 78; White-breasted Nuthatch, 163; Red-breasted Nuthatch, 2; Brown Creeper, 18; Winter Wren, 4; Carolina Wren, 3; Catbird, 1; Am. Robin, 6; Hermit Thrush, 1; Eastern Bluebird, 153; Golden-crowned Kinglet, 39; Ruby-crowned Kinglet, 3; Water Pipit, 8; Cedar Waxwing, 33; Gray Shrike, 1; Common Starling, 2509; **Yellow-breasted Chat, 1**; Myrtle Warbler, 241; House Sparrow, 331; Eastern Meadowlark, 51; Red-winged Blackbird, 68; Purple Grackle, 1; Brown-headed Cowbird, 63; Cardinal, 46; Purple Finch, 24; House Finch, 83; Pine Siskin, 11; Am. Goldfinch, 201; Eastern Towhee, 6; Slate-colored Junco, 642; Am. Tree Sparrow, 378; **Chipping Sparrow, 10**; Field Sparrow, 12; White-throated Sparrow, 364; Fox Sparrow, 8; Swamp Sparrow, 3; Song Sparrow, 196. **Total,** 91 species; about 16,669 individuals. (Seen count period: Pintail.)—Mr. and Mrs. A. Anable, G. Bent, Pamela Bent, E. Blodgett, L. Bowen, L. Bradley, Miss A. Bristow, Miss H. Bristow, Mr. and Mrs. M. Brown, R. Burnap, Mr. and Mrs. R. Bushnell, Mrs. J. Caskey, Mrs. A. Coggeshell, W. B. Cook (compiler), V. Cypher, W. Fennell, D. Fiero, G. Fiero, E. Fulling, Suzanne Gordon, G. Hall, R. Hamershlag, A. Harger, E. Harriman, W. Hastings, A. Hunter, R. Hunter, W. Jessup, Mr. and Mrs. G. Little, E. Luhde, J. Ludwig, R. Lustberg, Mr. and Mrs. J. Malone, Elizabeth Manning, J. Marshall, C. Mohr, J. Moyle, Mrs. L. Nettleton, R. Odell, D. Orbison, J. Overocker, R. Pattison, H. Reid, G. Ropes, W. Russell, A. Schulman, W. Scofield, M. See, F. Shepard, A. Simmons, G. Simmons, L. Simmons, D. Slobohm, S. Slobohm, P. Spofford, F. Spring, J. Straten, A. Weir, G. Wood, R. Worssam (Greenwich Audubon Society assisted by Bedford, Scarsdale, Sawmill River and Westport Audubon Societies and Felt Nature Club).

59. **Hartford, Conn.** (same area as other years). —Dec. 29; 7 a.m. to 5 p.m.; temp. 30° to 35°; wind moderate. Forty-three observers in 23 parties. Total party-hours, 98 (54 on foot, 44 by car); total party-miles, 329 (56 on foot, 273 by car). Great Blue Heron, 1; Mallard, 308; Black Duck, 253; Am. Widgeon, 2; Pintail, 3; Green-winged Teal, 1; Am. Golden-eye, 3; Am. Merganser, 36; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 9; Ruffed Grouse, 2; Ring-necked Pheasant, 33; Killdeer, 1; Wilson's Snipe, 1; Great Black-backed Gull, 1; Herring Gull, 256; Ring-billed Gull, 124; Mourning Dove, 117; Screech Owl, 3; Belted Kingfisher, 4; Yellow-shafted Flicker, 12; Pileated Woodpecker, 3; Hairy Woodpecker, 35; Downy Woodpecker, 107; Horned Lark, 568; Blue Jay, 441; Am. Crow, 1995; Black-capped Chickadee, 354; **Tufted Titmouse, 4**; White-breasted Nuthatch, 52; Brown Creeper, 15; Winter Wren, 1; Carolina Wren, 1; Catbird, 1; Brown Thrasher, 1; Am. Robin, 2; Eastern Bluebird, 21; Golden-crowned Kinglet, 17; Ruby-crowned Kinglet, 3; Cedar Waxwing, 10; Loggerhead Shrike, 2; Common Starling, 3945; **Yellow-breasted Chat, 1**; Myrtle Warbler, 130; House Sparrow, 893; Eastern Meadowlark, 32; Red-winged Blackbird, 1506; Rusty Blackbird, 1; Purple Grackle, 358; Brown-headed Cowbird, 534; Cardinal, 3; Purple Finch, 15; Am. Goldfinch, 65; Savannah Sparrow, 2; Slate-colored Junco, 877; Am. Tree Sparrow, 1551; Field Sparrow, 16; White-throated Sparrow, 137; Fox Sparrow, 5; Swamp Sparrow, 15; Song Sparrow, 260; Lapland Longspur, 13; Snow Bunting, 16. **Total,** 65 species; about 15,185 individuals. (Bald Eagle, Short-eared Owl, Mockingbird in area count period.)—Mrs. H. F. Amidon, Mr. and Mrs. H. P. Austin, Mrs. P. J. Bartman, Mr. and Mrs. R. F. Belden, Mr. and Mrs. E. A. Bergstrom, P. E. Fellows, Mrs. L. I. French, Mrs. L. T. Goodrich (compiler), Sharon Holcomb, Peter Isleib, Mr. and Mrs. J. W. North, Mrs. T. B. Rhines, L. J. Whittles (Hartford Bird Study Club).

60. **Litchfield Hills, Conn.** (7½-mile radius centering at top of Wheeler Hill north of Bantam Lake, including all of Morris, parts of Litchfield, Torrington, Goshen, Warren, Washington, Bethlehem, small areas in Cornwall, Watertown, Thomaston, Harwinton; open deciduous woods 40%, brushland 25%, coniferous woods 2%, suburban 1%, fresh-water ponds and swamps 8%, fields and pastures 24%).—Dec. 30; 7 a.m. to 5 p.m. Clear; temp. 0° to 15°; wind N to NW, 20-30 m.p.h.; most ponds frozen including Bantam Lake, Lake Waramaug fairly open; ground covered by 0-3-in. snow. Eighteen observers in 11 parties, plus 7 observers at feeders. Total party-hours, 40 (25 on foot, 15 by car); total party-miles, 115 (30 on foot, 85 by car). Mallard, 165; Black Duck, 44; **Wood Duck, 1**; Canvas-back, 9; Am. Golden-eye, 2; **Goshawk, 1** (W. B., A. S.); **Cooper's Hawk, 1**; Red-tailed Hawk, 3; Ruffed Grouse, 9; Ring-necked Pheasant, 2; Mourning Dove, 1; Horned Owl, 1; Barred Owl, 1; **Belted Kingfisher, 1**; Hairy Woodpecker, 25; Downy Woodpecker, 45; Blue Jay, 164; Am. Crow, 73; Black-capped Chickadee, 265; White-breasted Nuthatch, 40; Brown Creeper, 8; **Carolina Wren, 1**; **Catbird, 1**; Am. Robin, 2; **Hermit Thrush, 1**; Eastern Bluebird, 7; Golden-crowned Kinglet, 28; **Ruby-crowned Kinglet, 4**; **Cedar Waxwing, 48**; Common Starling, 218; House Sparrow, 339; **Eastern Meadowlark, 11**; Purple Finch, 11; Am. Goldfinch, 82; Slate-colored Junco, 340; Am.

Tree Sparrow, 209; **Chipping Sparrow, 4**; White-throated Sparrow, 6; Swamp Sparrow, 3; Song Sparrow, 15. **Total,** 40 species; about 2191 individuals. (Seen census period: Am. Merganser, Screech Owl, Pileated Woodpecker, Horned Lark, Cardinal, White-winged Crossbill.)—William C. Bader, Robert Bothroyd, Roger Clapp, Edith Cooper, Mrs. W. J. Davis, Mrs. C. S. Gunnarson, Sidney A. Hessel (compiler), Mrs. W. Prescott Hubbard, Charles S. Krug, Sam and Jean Lincoln, Gordon Loery, Arnold E. Lundberg, Reginald Miles, Mr. and Mrs. William J. Miller, Mrs. Roberta Ongley, Ruth A. Parson, Mr. and Mrs. Nellis Rood, Herbert Root, Allan Sorak, Edmund Swigart, Mrs. Ralph Wadhams, Guy H. Whittall.

61. **New London, Conn.** (same area as last year).—Dec. 27; 7 a.m. to 5:15 p.m. Clear early, becoming overcast with snow flurries; temp. 28° to 34°; wind S, 0-10 m.p.h.; ground bare, fresh water partly frozen. Twenty observers in 8 parties. Total party-hours, 44 (18 on foot, 26 by car); total party-miles, 142 (27 on foot, 115 by car). Common Loon, 8; Red-throated Loon, 2; Horned Grebe, 143; **Western Grebe, 1** [no details—Ed.]; Pied-billed Grebe, 2; European Cormorant, 18; Great Blue Heron, 7; Black-crowned Night Heron, 13; Mute Swan, 6; Canada Goose, 205; **Snow Goose, 1**; Mallard, 212; Black Duck, 766; **European Widgeon, 1**; Am. Widgeon, 74; Green-winged Teal, 6; Redhead, 1; Ring-necked Duck, 5; Greater Scaup, 14; Am. Golden-eye, 193; Buffle-head, 111; Old-squaw, 3; Surf Scoter, 8; Am. Scoter, 8; Hooded Merganser, 65; Am. Merganser, 126; Red-breasted Merganser, 279; Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 1; Am. Coot, 35; Purple Sandpiper, 1; Great Black-backed Gull, 38; Herring Gull, 1547; Ring-billed Gull, 16; Bonaparte's Gull, 10; Mourning Dove, 17; Belted Kingfisher, 10; Yellow-shafted Flicker, 7; Hairy Woodpecker, 6; Downy Woodpecker, 17; **Eastern Phoebe, 1**; Blue Jay, 60; Am. Crow, 61; Fish Crow, 1; Black-capped Chickadee, 69; White-breasted Nuthatch, 10; Brown Creeper, 3; Carolina Wren, 13; **Mockingbird, 1**; Catbird, 1; Am. Robin, 4; Eastern Bluebird, 15; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 2; Cedar Waxwing, 38; Gray Shrike, 1; Common Starling, 380; Myrtle Warbler, 96; House Sparrow, 289; Eastern Meadowlark, 24; Purple Finch, 18; Am. Goldfinch, 47; Eastern Towhee, 3; Savannah Sparrow, 1; **Sharp-tailed Sparrow, 1**; Slate-colored Junco, 123; Am. Tree Sparrow, 92; Field Sparrow, 5; White-throated Sparrow, 94; Song Sparrow, 62. **Total,** 72 species; about 5505 individuals. (Yellow-breasted Chat and Baltimore Oriole seen count period.)—Mr. and Mrs. K. Bates, Grace Bissell, Dr. and Mrs. W. Brown, J. Chadwick, B. A. Copp, Mrs. K. B. Dench, Mrs. F. Eastman, Mrs. R. O. Erisman, Mr. and Mrs. P. Garrett, R. H. Goodwin (compiler), R. H. Goodwin, Jr., Mrs. J. Kashanski, T. P. McElroy, Jr., R. F. Logan, Mrs. J. Merrill, Barbara Neill, Mrs. M. Peterson.

62. **Oxford, Conn.** (area enclosed by and adjacent to Route 188, Edmonds Road, Eight Mile Brook, O'Neill Road, Copper Mine Road, Housatonic River; same area since 1928; brushland 60%, woodland 15%, open land 10%, river shore 5%, suburban 10%).—Dec. 22; 7:30 a.m. to 4:30 p.m. Cloudy, occasional light rain; temp. 33° to 35°; wind E, 0-21 m.p.h.; no snow, ponds mostly open. One observer. Total hours, 9 (all on foot); total miles, 16 (all on foot). Black Duck, 2; Red-tailed Hawk, 2; Ruffed Grouse, 3; Herring Gull, 57; Mourning Dove, 5; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Hairy Woodpecker, 2; Downy Woodpecker, 10; Blue Jay, 78; Am. Crow, 32; Black-capped Chickadee, 35; White-breasted Nuthatch, 2; Brown Creeper, 2; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Common Starling, 113; Myrtle Warbler, 33; House Sparrow, 17; Eastern Meadowlark, 10; Am. Goldfinch, 29; Slate-colored Junco, 62; Am. Tree Sparrow, 45; Field Sparrow, 1; White-throated Sparrow, 3; Song Sparrow, 17. **Total,** 26 species; about 569 individuals.—Alfred P. Harger.

63. **Saybrook, Conn.** (7½-mile radius as previous years, including L. I. Sound from Lyme to Hammonasset, Connecticut River north to Hadlyme–Chester Ferry; shore and sound 30%, river 15%, marsh 10%, fields and fencerows 15%, bottomland woods 15%, upland woods 15%).—Dec. 31; 6:30 a.m. to 5 p.m. Snowing until 11 a.m., then slowly clearing; temp. 20° to 34°; wind SW, 8-20 m.p.h.; 2-in. snow on ground, ponds and marshes frozen. Nine observers in 4 parties. Total party-hours, 29 (19 on foot, 10 by car); total party-miles, 124 (16 on foot, 108 by car). Common Loon, 12; Red-throated Loon, 8; Horned Grebe, 66; Great Blue Heron, 2; Black-crowned Night Heron, 8; Am. Bittern, 1; Canada Goose, 1; Mallard, 16; Black Duck, 975; Am. Widgeon, 11; Pintail, 32; Redhead, 17; Canvas-back, 15; Greater Scaup, 280; Am. Golden-eye, 235; Buffle-head, 246; Old-squaw, 24; White-winged Scoter, 41; Surf Scoter, 77; Am. Scoter, 1; Ruddy Duck, 102; Hooded Merganser, 1; Am. Merganser, 235; Red-breasted Merganser, 19; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Bald Eagle, 2; Marsh Hawk, 4; **Pigeon Hawk, 1** (R. T. R.); Sparrow Hawk, 1; Am. Coot, 60; Killdeer, 11; Great Black-backed Gull, 72; Herring Gull, 1065; Ring-billed Gull, 66; **Laughing Gull, 2** (J. G., W. S.); Mourning Dove, 60; Short-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Hairy Woodpecker, 9; Downy Woodpecker, 23; Horned Lark, 67; Blue Jay, 63; Am. Crow, 48; Black-capped Chickadee, 82; White-breasted Nuthatch, 10; Brown Creeper, 6; Winter Wren, 2; Carolina Wren, **10**; Long-billed Marsh Wren, 1; Catbird, 4; Am. Robin, 15; Hermit Thrush, **11**; Eastern Bluebird, 64; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 3; Cedar Waxwing, 59; Common Starling, 942; Myrtle Warbler, 69; House Sparrow, 107; Eastern Meadowlark, 10; Red-winged Blackbird, 63; Purple Grackle, 1; Brown-headed Cowbird, 148; Cardinal, **6**; Purple Finch, 2; Am. Goldfinch, 66; Eastern Towhee, 1; Ipswich Sparrow, 1; Savannah Sparrow, 4; **Sharp-tailed Sparrow, 1**; Vesper Sparrow, 2; Slate-colored Junco, 302; Am. Tree Sparrow, 443; Field Sparrow, 14; White-throated

Sparrow, 139; Fox Sparrow, 2; Swamp Sparrow, 5; Song Sparrow, 88; Snow Bunting, 2. **Total,** 81 species; about 6681 individuals.—Mr. and Mrs. H. P. Austin, I. R. Barnes (compiler), J. B. Goetsch, Mr. and Mrs. W. Kennedy, R. T. Peterson, Mrs. T. B. Rhines, W. Stoddard.

64. Storrs, Conn. (7½-mile radius of University of Conn.; upland fields 30%, bottomlands 15%, upland woods 55%, 6 feeding stations).—Jan. 1; 7 a.m. to 5 p.m.; temp. 10° to 20°; wind N to NW, gusts to 30 m.p.h.; no open water, 6-in. snow and drifts. Twelve observers in 8 parties. Total party-hours, 37 (30 on foot, 7 by car); total party-miles, 95 (30 on foot, 65 by car). Cooper's Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 3; Ruffed Grouse, 5; Ring-necked Pheasant, 1; Wilson's Snipe, 1; Herring Gull, 1; Mourning Dove, 18; Hairy Woodpecker, 6; Downy Woodpecker, 15; Horned Lark, 43; Blue Jay, 128; Am. Crow, 49; Black-capped Chickadee, 182; White-breasted Nuthatch, 14; Brown Creeper, 2; Am. Robin, 48; Eastern Bluebird, 5; Golden-crowned Kinglet, 21; Gray Shrike, 1; Common Starling, 665; Myrtle Warbler, 3; House Sparrow, 200; Brown-headed Cowbird, 12; Purple Finch, 12; Am. Goldfinch, 115; Slate-colored Junco, 470; Am. Tree Sparrow, 326; White-throated Sparrow, 12; Fox Sparrow, 1; Song Sparrow, 8. **Total,** 31 species; about 2370 individuals. (In area count period: Winter Wren.) —Richard Bury, Mrs. Shirley Davis, G. Lowell Fields, Mrs. Nancy James, Jerauld Manter, Richard May, Mrs. Marguerite Morse, Franklin McCamey, Walter Pudeliwicz, James Slater, Herbert Tag, Mrs. Mildred Tag (compiler) (Natchaug Ornithological Society).

65. Waterbury–Naugatuck, Conn. (center around Millville, including Middlebury and Wolcott areas; rural 40%, suburbs 30%, fields 10%, woodland edges 10%, river and lake shores 5%, feeding stations 5%).—Dec. 29; 8:30 a.m. to 4:30 p.m. Light rain changing to snow; temp. 30° to 35°; wind N, 1-7 m.p.h.; 1-4-in. snow; rivers, streams, portion of Lake Quassapaug open, small lakes and ponds frozen. Fourteen observers in 7 parties. Total party-hours, 18 (13 on foot, 5 by car); total party-miles, 40 (5 on foot, 35 by car). Pied-billed Grebe, 2; Black Duck, 15; Am. Coot, 4; Herring Gull, 26; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 12; Blue Jay, 94; Am. Crow, 30; Black-capped Chickadee, 72; White-breasted Nuthatch, 12; Brown Creeper, 1; Am. Robin, 1; Common Starling, 256; House Sparrow, 167; **Purple Grackle, 1**; Purple Finch, 2; Am. Goldfinch, 15; Slate-colored Junco, 125; Am. Tree Sparrow, 197; White-throated Sparrow, 59; Fox Sparrow, 1; Song Sparrow, 20. **Total,** 24 species; about 1115 individuals. (Cardinal observed count period.) —W. Barrows, M. Broadhead, Jean Grumann, Mrs. E. Hall, Mrs. J. Henricks, Mr. and Mrs. H. Holton, Mrs. J. Judy, J. Judy, J. Mackiewicz (compiler), Mrs. E. Rice, Mrs. E. K. Slack, Beverly Slack, Mary Yanikuny (Waterbury Naturalist Club and Naugatuck Bird Club).

66. Westport, Conn. (area and habitat percentages same as past years).—Dec. 29; 7:30 a.m. to 4:30 p.m. Light rain to 10 a.m., snow rest of day; temp. 38° to 28°; wind NE to N, 10-30 m.p.h.; smaller ponds frozen, reservoirs open. Thirty-two observers in 23 parties. Total party-hours, 71 (45 on foot, 24 by car, 2 on horesback); total party-miles, 292 (37 on foot, 249 by car, 6 on horseback). Common Loon, 1; Red-throated Loon, 3; Horned Grebe, 279; Pied-billed Grebe, 1; European Cormorant, 2; Great Blue Heron, 14; Black-crowned Night Heron, 18; Mute Swan, 10; Am. Brant, 15; Mallard, 855; Black Duck, 1535; Gadwall, 1; Am. Widgeon, 5; **Wood Duck, 3** (L. B.); Ring-necked Duck, 8; Canvas-back, 11; Greater Scaup, 5332; Am. Golden-eye, 154; Bufflehead, 484; Old-squaw, 113; **Harlequin Duck, 1** (in area 3 weeks, many observers); White-winged Scoter, 790; Surf Scoter, 21; Am. Scoter, 12; Hooded Merganser, 17; Am. Merganser, 50; Red-breasted Merganser, 126; Sharp-shinned Hawk, 2; Cooper's 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 6; Sparrow Hawk, 6; Ruffed Grouse, 7; Ring-necked Pheasant, 17; Am. Coot, 2; Killdeer, 25; Black-bellied Plover, 12; **Ruddy Turnstone, 3**; Red-backed Sandpiper, 25; Great Black-backed Gull, 42; Herring Gull, 5949; Ring-billed Gull, 32; Laughing Gull, 3; Bonaparte's Gull, 4; Mourning Dove, 123; Barn Owl, 2; Horned Owl, 1; Barred Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 18; Yellow-shafted Flicker, 7; Pileated Woodpecker, 3; Hairy Woodpecker, 57; Downy Woodpecker, 162; Horned Lark, 23; Blue Jay, 513; Am. Crow, 721; **Fish Crow, 1**; Black-capped Chickadee, 822; Tufted Titmouse, 90; White-breasted Nuthatch, 180; Red-breasted Nuthatch, 3; Brown Creeper, 21; Winter Wren, 5; Carolina Wren, 9; **Long-billed Marsh Wren, 2**; **Mockingbird, 1**; Catbird, 6; Am. Robin, 14; Hermit Thrush, 1; Eastern Bluebird, 57; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 3; Cedar Waxwing, 17; Gray Shrike, 1; Common Starling, 1399; Myrtle Warbler, 83; House Sparrow, 557; Eastern Meadowlark, 10; Red-winged Blackbird, 3; **Dickcissel, 1**; Brown-headed Cowbird, 29; Cardinal, 82; Evening Grosbeak, 2; Purple Finch, 39; Pine Grosbeak, 3; Pine Siskin, 1; Am. Goldfinch, 127; Eastern Towhee, 17; Savannah Sparrow, 2; Slate-colored Junco, 1072; Am. Tree Sparrow, 372; Field Sparrow, 17; White-crowned Sparrow, 3; White-throated Sparrow, 393; Fox Sparrow, 10; Swamp Sparrow, 2; Song Sparrow, 155. **Total,** 98 species; about 23,258 individuals. (In area count period: Clapper Rail, Yellow-breasted Chat, Baltimore Oriole, Common Redpoll.)—Laura Allen, Mrs. G. Baker, C. Bartow, R. Berle, B. Bouton, L. Bradley (compiler), Alice Bristow, Helen Bristow, Mr. and Mrs. M. Brown, W. B. Cook, H. S. Coombs, Lee Coombs, Mrs. G. Cutler, E. Eager, B. Ficke, J. Forbes, Barbara Gray, Mr. and Mrs. H. Gund, Martha Kline, R. Lemmon, H. Logan, Mrs. H. Long, Mrs. R. MacDonald, L. Pearson, Mrs. C. Roop, Mrs. M. Samuelson, P. C. Spofford, Anne Wolf, J. Young, G. Zepko.

67. Brooklyn, L. I., N. Y. (area and habitat percentages same as last year).—Dec. 22; 7:30 a.m. to

4:30 p.m. Cloudy a.m., rain p.m.; temp. 38° to 46°; wind NE, 10 m.p.h. Fifteen observers in 9 parties. Total party-hours, 133 (all on foot); total party-miles, 97 (all on foot). Common Loon, 9; Red-throated Loon, 24; Horned Grebe, 223; Pied-billed Grebe, 9; Gannet, 5; European Cormorant, 2; Double-crested Cormorant, 1; Great Blue Heron, 8; **Am. Egret, 2**; Black-crowned Night Heron, 11; Am. Bittern, 1; Canada Goose, 1; Am. Brant, 195; Mallard, 48; Black Duck, 3599; Gadwall, 3; European Widgeon, 1; Am. Widgeon, 1528; Pintail, 181; Green-winged Teal, 5; Shoveller, 4; Redhead, 9; Ring-necked Duck, 3; Canvas-back, 711; Greater Scaup, 4177; Lesser Scaup, 8; Am. Golden-eye, 27; Buffle-head, 160; Old-squaw, 15; **King Eider, 1** (carefully identified); White-winged Scoter, 19; Surf Scoter, 2; Am. Scoter, 17; Ruddy Duck, 142; Hooded Merganser, 52; Am. Merganser, 30; Red-breasted Merganser, 35; Rough-legged Hawk, 1; Marsh Hawk, 10; Sparrow Hawk, 14; Clapper Rail, 2; Am. Coot, 95; Killdeer, 21; Black-bellied Plover, 2; **Red Knot, 1** (G. C., E. W.); Purple Sandpiper, 21; Red-backed Sandpiper, 364; Sanderling, 220; Iceland Gull, 2 (1 Kumlien's); Great Black-backed Gull, 1156; Herring Gull, 22,000; Ring-billed Gull, 661; Laughing Gull, 74; Bonaparte's Gull, 615; **Black-headed Gull, 1**; Black-legged Kittiwake, 2; Mourning Dove, 19; Barn Owl, 1; Screech Owl, 3; Short-eared Owl, 16; Yellow-shafted Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 6; **Western Kingbird, 2** (seen repeatedly); Horned Lark, 46; Blue Jay, 23; Am. Crow, 7; Black-capped Chickadee, 3; Brown Creeper, 1; Am. Robin, 4; Hermit Thrush, 1; Water Pipit, 2; Cedar Waxwing, 6; Gray Shrike, 3; Loggerhead Shrike, 1; Common Starling, 32,000; Myrtle Warbler, 17; Palm Warbler, 1; House Sparrow, 7054; Eastern Meadowlark, 37; Red-winged Blackbird, 58; Rusty Blackbird, 3; **Western Tanager, 2** (since Dec. 1); Purple Grackle, 2; Brown-headed Cowbird, 1097; Cardinal, 3; Am. Goldfinch, 3; Ipswich Sparrow, 1; Savannah Sparrow, 140; Sharp-tailed Sparrow, 2; Seaside Sparrow, 1; Vesper Sparrow, 2; Slate-colored Junco, 192; Am. Tree Sparrow, 195; Field Sparrow, 30; White-throated Sparrow, 122; Swamp Sparrow, 3; Song Sparrow, 185; Lapland Longspur, 5; Snow Bunting, 40. **Total,** 100 species (1 additional subspecies); about 77,873 individuals. (Seen census period: **Yellow-crowned Night Heron,** Common Eider, **Golden Plover,** Willet, Dowitcher, White-breasted Nuthatch, Long-billed Marsh Wren, Brown Thrasher, House Finch, Fox Sparrow.) [Excellent details for all unusual birds—Ed.]—G. Carleton, M. Cashman, R. Clermont, E. Daly, H. Johnson, H. Meyerdierks, J. Neilsen, P. Post, E. Restivo, N. Smith, Esther K. Swayer, Mary Tremaine, R. Janet Watson, M. Wheat, E. Whelen (compiler).

68. Central Suffolk County, L. I., N. Y. (same area as last year except Upton section covered for first time and Mastic less thoroughly covered; deciduous woods 25%, cultivated fields 10%, overgrown fields 10%, residential areas 5%, fresh-water ponds and swamps 25%, bay and salt marsh 15%, outer beach and ocean 10%).—Dec. 29; 6:45 a.m. to 5 p.m. Fog, drizzle, rain, sleet and snow; temp. 32° to 41°; wind NE to N, 4-20 m.p.h.; water open, ground bare, visibility poor. Twelve observers in 7 parties. Total party-hours, 54 (26 on foot, 27 by car, 1 by boat); total party-miles, 278 (33 on foot, 239 by car, 6 by boat). Common Loon, 2; Red-throated Loon, 2; Red-necked Grebe, 1; Horned Grebe, 56; Pied billed Grebe, 39; Gannet, 5; Great Blue Heron, 63; Black-crowned Night Heron, 32; Am. Bittern, 1; Mute Swan, 116; Canada Goose, 42; Mallard, 251; Black Duck, 2075; **European Widgeon, 1**; Am. Widgeon, 669; Pintail, 123; Green-winged Teal, 7; Shoveller, 3; Redhead, 88; Ring-necked Duck, 30; Canvas-back, 401; Greater Scaup, 705; Lesser Scaup, 265; Am. Golden-eye, 23; Buffle-head, 18; White-winged Scoter, 14; Am. Scoter, 1; Ruddy Duck, 33; Hooded Merganser, 19; Am. Merganser, 30; Red-breasted Merganser, 21; Red-tailed Hawk, 1; **Broad-winged Hawk, 1** (carefully identified—L. P., P. S.); Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 6; Sparrow Hawk, 6; Ruffed Grouse, 1; Bob-white, 30; Ring-necked Pheasant, 9; Clapper Rail, 1; Virginia Rail, 1; Am. Coot, 275; Black-bellied Plover, 2; Red-backed Sandpiper, 97; Sanderling, 26; Great Black-backed Gull, 99; Herring Gull, 822; Ring-billed Gull, 117; Bonaparte's Gull, 1; Mourning Dove, 8; Screech Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 5; Hairy Woodpecker, 3; Downy Woodpecker, 8; Horned Lark, 52; Blue Jay, 86; **Am. Magpie, 1** (at feeder daily since Sept.); Am. Crow, 73; Black-capped Chickadee, 75; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 1; Brown Creeper, 4; Winter Wren, 3; Carolina Wren, 2; Long-billed Marsh Wren, 2; **Short-billed Marsh Wren, 1**; **Mockingbird, 1**; Am. Robin, 1; Golden-crowned Kinglet, 12; **Ruby-crowned Kinglet, 2**; **Loggerhead Shrike, 1**; Common Starling, 5773; Myrtle Warbler, 60; House Sparrow, 355; Eastern Meadowlark, 43; Rusty Blackbird, 3; Purple Finch, 2; Pine Siskin, 3; Am. Goldfinch, 20; Savannah Sparrow, 2; Sharp-tailed Sparrow, 3; Slate-colored Junco, 95; Am. Tree Sparrow, 150; Field Sparrow, 7; White-throated Sparrow, 71; Fox Sparrow, 2; Swamp Sparrow, 10; Song Sparrow, 26. **Total,** 90 species; about 13,613 individuals. (Short-eared Owl found freshly shot. Seen in area during period: Sharp-shinned Hawk, Hermit Thrush, Brown-headed Cowbird.)—James Hallock, Tillie Krucoff, Mrs. Harry Larsen, Eva Lukert, Larry Penny, Ruth Porter, Dennis Puleston, Dennis E. Puleston, Gilbert S. Raynor (compiler), Paul Stoutenburg, Leroy Wilcox, David Young.

68a. Montauk, L. I., N. Y. (same area as previous years).—Dec. 29; 6:30 a.m. to 5 p.m. Cloudy a.m., rain and snow p.m.; temp. 45° to 28°; wind NE, 5-25 m.p.h.; ground bare, all water open. Six observers in 1-4 parties. Total party-hours, 34 (25 on foot, 9 by car); total party-miles, 130 (20 on foot, 110 by car). Common Loon, 68; Red-throated Loon, 25; Red-necked Grebe, 1; Horned Grebe, 57; Pied-billed Grebe, 9; Gannet, 250; European Cormorant, 9; Great Blue Heron, 3; Mute Swan, 18; Canada Goose, 3; **Snow Goose, 2** (adults); Mallard, 28;

Redhead, 3; Greater Scaup, 45; Am. Golden-eye, 78; Buffle-head, 38; Old-squaw, 193; Harlequin Duck, **5** (3 males); Common Eider, 1; White-winged Scoter, 684; Surf Scoter, 40; Am. Scoter, 91; Ruddy Duck, 1; Red-breasted Merganser, 352; Marsh Hawk, 2; Sparrow Hawk, 11; Ring-necked Pheasant, 4; Clapper Rail, 1; Am. Coot, 230; Killdeer, 3; Black-bellied Plover, 5; **Ruddy Turnstone, 9** (N.B.); Wilson's Snipe, 6; Purple Sandpiper, 9; Sanderling, 21; Great Black-backed Gull, 170; Herring Gull, 3000; Ring-billed Gull, 12; Laughing Gull, 1; Bonaparte's Gull, 684; Black-legged Kittiwake, **1650**; Mourning Dove, 1; Barn Owl, 1; Screech Owl, 1; Horned Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 26; Hairy Woodpecker, 2; Downy Woodpecker, 5; **Western Kingbird, 1** (present since Nov.); Horned Lark, 9; Blue Jay, 25; Am. Crow, 57; Black-capped Chickadee, 22; Winter Wren, 1; Carolina Wren, 2; Catbird, 2; Am. Robin, 6; Eastern Bluebird, 6; Gray Shrike, 5; Loggerhead Shrike, 1; Common Starling, 2000; Myrtle Warbler, 1750; Palm Warbler, 2; **Common Yellowthroat, 1**; House Sparrow, 250; Eastern Meadowlark, 32; Red-winged Blackbird, 4; Brown-headed Cowbird, 133; Am. Goldfinch, 8; Ipswich Sparrow, 3; Savannah Sparrow, 1; Sharp-tailed Sparrow, 1; Slate-colored Junco, 35; Am. Tree Sparrow, 155; Field Sparrow, 1; White-throated Sparrow, 7; **Lincoln's Sparrow, 1** (carefully identified—P.B.); Swamp Sparrow, 3; Song Sparrow, 28; Snow Bunting 40. **Total,** 82 species; about 12,455 individuals.—N. Boyajian (compiler), Paul Buckley, J. Lubkin, H. Ryan, N. Smith, H. Stein.

69. Northern Nassau County, L. I., N. Y. (same area and habitat percentages as last year).—Dec. 23; 6 a.m. to 6 p.m. Overcast, rain previous night; temp. 36° to 39°; wind E, 15 m.p.h.; ground bare, water open, some flooding of streams, visibility fair. Fifty-five observers, 45 in 25 parties, 10 at feeding stations. Total party-hours, 129 (91 on foot, 38 by car); total party-miles, 342 (89 on foot, 253 by car). Common Loon, 6; Red-throated Loon, 6; Red-necked Grebe, 1; Horned Grebe, **353**; Pied-billed Grebe, 2; European Cormorant, 20; Great Blue Heron, 21; Black-crowned Night Heron, 15; **Am. Bittern, 1**; Mute Swan, **76**; Canada Goose, 49; Mallard, 625; Black Duck, 2250; Gadwall, 8; Am. Widgeon, 100; Pintail, 2; Green-winged Teal, 5; Ring-necked Duck, 5; Canvas-back, 19; Greater Scaup, 6858; Lesser Scaup, 8; Am. Golden-eye, 728; Buffle-head, 6; Old-squaw, 300; White-winged Scoter, 1107; Surf Scoter, 449; Am. Scoter, **95**; Hooded Merganser, 3; Red-breasted Merganser, 273; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Sparrow Hawk, 12; Ring-necked Pheasant, 14; Clapper Rail, 1; Am. Coot, 5; Killdeer, 20; **Black-bellied Plover, 1** (present for month); Wilson's Snipe, 1; **Western Sandpiper, 1** (carefully studied—P. D. S.); **Sanderling, 6**; Great Black-backed Gull, 206; Herring Gull, 4578; Ring-billed Gull, **454**; Laughing Gull, 3; Mourning Dove, 91; **Barn Owl, 1**; Screech Owl, 1; Belted Kingfisher, 14; Yellow-shafted Flicker, 28; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 124; Horned Lark, 100; Blue Jay, 486; Am. Crow, 1492; Fish Crow, 21; Black-capped Chickadee, 270; White-breasted Nuthatch, 69; Red-breasted Nuthatch, 3; Brown Creeper, 6; Winter Wren, 3; Carolina Wren, 7; Long-billed Marsh Wren, 3; Catbird, 3; Brown Thrasher, 2; Am. Robin, 55; Hermit Thrush, 2; Eastern Bluebird, 2; Golden-crowned Kinglet, 28; Ruby-crowned Kinglet, 1; Cedar Waxwing, 5; Common Starling, 2040; Myrtle Warbler, 62; House Sparrow, 380; Eastern Meadowlark, 22; Red-winged Blackbird, 17; Rusty Blackbird, 7; Brown-headed Cowbird, 260; Cardinal, 27; Pine Siskin, 4; Am. Goldfinch, 103; Eastern Towhee, **29**; Savannah Sparrow, **13**; Slate-colored Junco, 924; Am. Tree Sparrow, 507; Field Sparrow, 70; White-throated Sparrow, 875; Fox Sparrow, 7; Swamp Sparrow, 11; Song Sparrow, 303; Snow Bunting, 150. **Total,** 91 species; about 27,340 individuals. (In area count period: **Snow Goose,** House Finch.) [Excellent report with thorough details for all unusual observations—Ed.] —Ann Baker, Gladys Barry, Mrs. R. L. Cummings, Helen Curtice, Mrs. B. T. Fairchild, Paul H. Gillen, Jr., Donald Goverts, Jr., Fleur Grandjouan, Mrs. M. Lamoureux, Eugene T. Mudge, Ann Schneider, P. D. Skaar (compiler), Carol Stevenson, Mrs. R. M. Stevenson, Hazel Sullivan, Peter P. Wickham, Jeannette Worley, Leonard Worley (Lyman Langdon Audubon Society).

70. Orient, L. I., N. Y. (same area as formerly). —Dec. 27; 7:10 a.m. to 5 p.m.; temp. 30° to 35°; wind SSW. Two observers in 1 party. Total party-hours, 9½ (6 on foot, 3½ by car); total party-miles, 33 (7 on foot, 26 by car). Common Loon, 7; Red-throated Loon, 4; Horned Grebe, 35; Gannet, 1; European Cormorant, 8; Great Blue Heron, 1; Mallard, 2; Black Duck, 345; Greater Scaup, 48; Am. Golden-eye, 244; Buffle-head, 2; Old-squaw, 209; White-winged Scoter, 461; Surf Scoter, 11; Am. Scoter, 4; Red-breasted Merganser, 64; Marsh Hawk, 2; Sparrow Hawk, 2; Purple Sandpiper, 13; Great Black-backed Gull, 23; Herring Gull, 440+; Ring-billed Gull, 10; Screech Owl, 1; Yellow-shafted Flicker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 4; Horned Lark, 323; Am. Crow, 3; Black-capped Chickadee, 4; White-breasted Nuthatch, 1; Winter Wren, 2; Carolina Wren, 1; Catbird, 1; Am. Robin, 5; Ruby-crowned Kinglet, 4; Loggerhead Shrike, 1; Common Starling, 550+; Myrtle Warbler, 14; Palm Warbler, 1; Common Yellowthroat, 1; House Sparrow, 300+; Eastern Meadowlark, 15; Purple Grackle, 1; Brown-headed Cowbird, 20; Purple Finch, 1; Am. Goldfinch, 6; Savannah Sparrow, 9; Slate-colored Junco, 10; Am. Tree Sparrow, 48; Field Sparrow, 26; **White-crowned Sparrow, 1**; White-throated Sparrow, 23; Fox Sparrow, 1; Song Sparrow, 112; Lapland Longspur, **12**; Snow Bunting, 275. **Total,** 56 species; more than 3718 individuals.—Richard E. Harrison, Robert S. Mathews (compiler).

71. Quogue To Watermill, L. I., N. Y. (same area as last year).—Dec. 26; 7 a.m. to 4:30 p.m. Clear; temp. 26° to 33°; wind N, 5-10 m.p.h. One observer. Total hours, 9; total miles, 99 (3 on foot, 96 by car). Common Loon, 5; Red-throated Loon, 4;

Horned Grebe, 352; Pied-billed Grebe, 4; Gannet, 9; Great Blue Heron, 19; Am. Bittern, 1; Mute Swan, 36; Canada Goose, 31; Mallard, 47; Black Duck, 40; Pintail, 7; Green-winged Teal, 3; Redhead, 2; Greater Scaup, 2000+; Am. Golden-eye, 94; Buffle-head, 4; Old-squaw, 1; White-winged Scoter, 500; Am. Scoter, 9; Ruddy Duck, 15; Hooded Merganser, 2; Red-breasted Merganser, 30; Sparrow Hawk, 4; Ring-necked Pheasant, 2; Am. Coot, 119; Black-bellied Plover, 3; Wilson's Snipe, 2; **Red Knot, 18**; Red-backed Sandpiper, 40; Sanderling, 100; Great Black-backed Gull, 80; Herring Gull, 3200+; Ring-billed Gull, 77; Bonaparte's Gull, 16; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Horned Lark, 9; Blue Jay, 4; Am. Crow, 30; Black-capped Chickadee, 3; Winter Wren, 1; Carolina Wren, 1; Am. Robin, 2; Eastern Bluebird, 6; Ruby-crowned Kinglet, 1; Common Starling, 3200; Myrtle Warbler, 75; House Sparrow, 90; Eastern Meadowlark, 19; Red-winged Blackbird, 1; **Baltimore Oriole, 1**; Brown-headed Cowbird, 200; Purple Finch, 1; Am. Goldfinch, 4; Am. Tree Sparrow, 16; Field Sparrow, 1; White-throated Sparrow, 7; Swamp Sparrow, 4; Song Sparrow, 25; Snow Bunting, 44. **Total,** 61 species; more than 10,627 individuals.—Leroy Wilcox.

72. **Smithtown, L. I., N. Y.** (7½-mile radius centering on Smithtown, including Nissequogue River area, L. I. Sound shore from Short Beach to Long Beach, Old Field Point, St. James and Stony Brook Harbors; pasture 20%, deciduous farm woodlots 50%, salt marsh 25%, pine grove 5%).—Dec. 29; 4:30 a.m. to 5 p.m. Drizzle starting 9 a.m. changing to sleet and driving snow 4 p.m.; temp. 30° to 26°; wind NE, 15-30 m.p.h.; visibility very poor p.m. Five observers in 5 parties. Total party-hours, 62 (30 on foot, 32 by car); total party-miles, 190 (40 on foot, 150 by car). Common Loon, 6; Red-throated Loon, 1; Horned Grebe, 302; Pied-billed Grebe, 7; Great Blue Heron, 4; Black-crowned Night Heron, 54; Mute Swan, 6; Canada Goose, 30; Mallard, 290; Black Duck, 230; Am. Widgeon, 208; Pintail, 1; Green-winged Teal, 16; Shoveller, 1; Wood Duck, 2; Ring-necked Duck, 98; Greater Scaup, 2; Lesser Scaup, 8; Am. Golden-eye, 68; Buffle-head, 16; Old-squaw, 33; White-winged Scoter, 810; Surf Scoter, 2; Hooded Merganser, 1; Red-breasted Merganser, 33; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Bob-white, 19; Ring-necked Pheasant, 43; Clapper Rail, 4; Am. Coot, 29; Wilson's Snipe, 1; Great Black-backed Gull, 13; Herring Gull, 375; Ring-billed Gull, 18; Mourning Dove, 23; Screech Owl, 5; Horned Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 9; Hairy Woodpecker, 1; Downy Woodpecker, 9; Eastern Phoebe, 1; Blue Jay, 17; Am. Crow, 171; Fish Crow, 1; Black-capped Chickadee, 69; White-breasted Nuthatch, 10; Brown Creeper, 2; Winter Wren, 7; Carolina Wren, 16; Long-billed Marsh Wren, 3; Catbird, 8; Am. Robin, 7; Hermit Thrush, 1; Golden-crowned Kinglet, 2; Common Starling, 188; Myrtle Warbler, 14; House Sparrow, 60; Eastern Meadowlark, 3; Rusty Blackbird, 3; Cardinal, 13; Am. Goldfinch, 57; Eastern Towhee, 6; Ipswich Sparrow, 1; Slate-colored Junco, 250; Am. Tree Sparrow, 98; Field Sparrow, 1; White-throated Sparrow, 210; Fox Sparrow, 2; Swamp Sparrow, 13; Song Sparrow, 95; Snow Bunting, 45. **Total,** 75 species; about 4160 individuals. (Yellow-bellied Sapsucker seen count period.)—Walton B. Sabin, Richard B. Fischer, Allan Walker, James G. Ralston, Robert Ralston (compiler).

73. **Southern Nassau County, L. I., N. Y.** (Atlantic Beach to Jones Beach, north to Garden City and East Meadow, circle center Baldwin; area around Valley Stream omitted; parks and suburban 40%, marshes, bays, beaches 30%, ocean 30%).—Dec. 30; 6 a.m. to 10 p.m. Fair; temp. 40° to 25°; wind NW, 20-45 m.p.h.; 1-in. snow on ground, ponds open, wind too strong for offshore boat trip. Thirty-eight observers in 10 parties. Total party-hours, 92 (72 on foot, 16 by car, 4 by boat); total party-miles, 460 (150 on foot, 295 by car, 15 by boat). Red-throated Loon, 1; Horned Grebe, 16; Pied-billed Grebe, 42; Gannet, 2; Great Blue Heron, 30; Black-crowned Night Heron, 38; **Yellow-crowned Night Heron, 1**; Am. Bittern, 3; Mute Swan, 20; Canada Goose, 1; Am. Brant, 13,000; Mallard, 526; Black Duck, 3548; Gadwall, 9; Am. Widgeon, 278; Pintail, 131; Green-winged Teal, 65; Shoveller, 54; Redhead, 4; Ring-necked Duck, 46; Canvas-back, 371; Greater Scaup, 707; Lesser Scaup, 27; Am. Golden-eye, 13; Buffle-head, 6; Old-squaw, 4; Common Eider, 1; White-winged Scoter, 558; Surf Scoter, 312; Am. Scoter, 32; scoter (sp.), 3200; Ruddy Duck, 58; Hooded Merganser, 30; Am. Merganser, 31; Red-breasted Merganser, 36; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 10; Sparrow Hawk, 15; Bob-white, 4; Ring-necked Pheasant, 2; Clapper Rail, 3; Am. Coot, 103; **Florida Gallinule, 1**; Killdeer, 33; **Am. Woodcock, 1** (E. W.); Wilson's Snipe, 10; Purple Sandpiper, 92; Red-backed Sandpiper, 4; Sanderling, 113; Great Black-backed Gull, 445; Herring Gull, 17,023; Ring-billed Gull, 377; Laughing Gull, 8; Bonaparte's Gull, 4; Black-legged Kittiwake, 1; Mourning Dove, 105; Barn Owl, 2; Screech Owl, 2; Snowy Owl, 2; Long-eared Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 21; **Yellow-bellied Sapsucker, 1**; Downy Woodpecker, 14; Horned Lark, 224 (Prairie, 2); Blue Jay, 130; Am. Crow, 35; Fish Crow, 2; Black-capped Chickadee, 18; White-breasted Nuthatch, 1; Brown Creeper, 5; Winter Wren, 1; Mockingbird, 1; Catbird, 5; Am. Robin, 30; Hermit Thrush, 2; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 2; Water Pipit, 3; Cedar Waxwing, 8; Common Starling, 1178; **Orange-crowned Warbler, 2**; **Cape May Warbler, 1** (carefully studied at 12 ft.—J. B., E. E.); Myrtle Warbler, 643; Palm Warbler, 1; **Yellow-breasted Chat, 4**; House Sparrow, 420; Eastern Meadowlark, 25; Red-winged Blackbird, 124; Purple Grackle, 5; Brown-headed Cowbird, 159; Cardinal, 16; Purple Finch, 21; House Finch, 76; Am. Goldfinch, 14; [Eastern Towhee, 15 + **Spotted Towhee, 1**]; Ipswich Sparrow, 1; Savannah Sparrow, 1; Sharp-tailed Sparrow, 1; Seaside Sparrow, 1; Slate-colored Junco, 268; Am.

Tree Sparrow, 261; Chipping Sparrow, 2; Field Sparrow, 33; White-throated Sparrow, 403; Fox Sparrow, 24; Swamp Sparrow, 6; Song Sparrow, 283; Lapland Longspur, 12; Snow Bunting, 18. **Total,** 111 species (2 additional subspecies); about 46,105 individuals. (In area count period: European Cormorant, Am. Egret, **Cinnamon Teal,** Gray Shrike, Brown Thrasher, **Western Tanager.**) [Excellent details submitted for all unusual birds—ED.]—Roy Aranella, Robert S. Arbib, Jr. (compiler), Benjamin C. Berliner, Daniel D. Berolzheimer, Ned Boyajian, John L. Bull, Jr., Irving Cantor, Geoffrey Carleton, Henry Collins, Ambrose Cort, Frederick Crystal, Reginald Denham, Adrian Dignan, Willard Doyle, Eugene Eisenmann, John J. Elliott, Walter Goldstein, Richard E. Harrison, Jay Kadane, Tom Kearns, Peter Kirk, Emanuel Levine, William Licking, Locke MacKenzie, Edmund Morgan, William Norse, William Paterson, Alan B. Penberthy, Peter W. Post, G. Roger Preisick, Ernest J. Restivo, Robert C. Rorden, Richard A. Sloss, P. David Skaar, Esther K. Swayer, R. Janet Watson, Edward J. Whelen, Peter P. Wickham.

74. **Binghamton, N. Y.** (7½-mile radius centering ½ mile south of East Maine and including Chenango Valley State Park as last year).—Dec. 30; 5:30 a.m. to 5:10 p.m. Mostly cloudy; temp. 1° to 6°; wind WNW, gusty to 30 m.p.h.; 2-3-in. snow on ground, water mostly open. Ten observers in 6 parties. Total party-hours, 46 (26 on foot, 20 by car); total party-miles, 350 (29 on foot, 321 by car). Black Duck, 41; Am. Merganser, 3; **Red-shouldered Hawk,** 1; Marsh Hawk, 2; Sparrow Hawk, 7; Ruffed Grouse, 2; Ring-necked Pheasant, 12; Herring Gull, 62; Ring-billed Gull, 1; Belted Kingfisher, 3; **Yellow-shafted Flicker,** 2; Pileated Woodpecker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 19; Horned Lark, 5; Blue Jay, 39; Am. Crow, 143; Black-capped Chickadee, 181; Tufted Titmouse, 4; White-breasted Nuthatch, 14; Brown Creeper, 1; **Catbird,** 1 (R.P.S.); Am. Robin, 1; **Eastern Bluebird,** 6; Golden-crowned Kinglet, 11; **Ruby-crowned Kinglet,** 2; Cedar Waxwing, 3; Gray Shrike, 1; Common Starling, 4019; Myrtle Warbler, 2; House Sparrow, 1223; Cardinal, 13; Am. Goldfinch, 61; Slate-colored Junco, 125; Am. Tree Sparrow, 555; Song Sparrow, 8; Snow Bunting, 19. **Total,** 37 species; about 6600 individuals. (In area count week: Great Blue Heron, Hooded Merganser, Sharp-shinned Hawk, Rough-legged Hawk, Killdeer, Wilson's Snipe, Mourning Dove, **Brown-capped Chickadee,** Eastern Meadowlark, Purple Grackle, Swamp Sparrow.)—L. E. Bemont (compiler), T. Greene, Mary Hannan, Lena Hevey, Mrs. F. Marsi, Frances Mayville, Mr. and Mrs. R. P. Sheffield, Anna Topping, Elinor Whitson.

75. **Bronx–Westchester Region, N. Y.** (same area as in previous years).—Dec. 23; 5 a.m. to 6 p.m. Cloudy; temp. 40° to 42°; wind NE, 15-20 m.p.h.; ground bare, fresh water open. Forty observers in 11 parties. Total party-hours, 88 (52 on foot, 30 by car, 6 by boat); total party-miles, 96 (58 on foot, 33 by car, 5 by boat). Common Loon, 5; Red-throated Loon, 11; Red-necked Grebe, 1; Horned Grebe, **123**; Pied-billed Grebe, 9; European Cormorant, 21; Double-crested Cormorant, 1; Great Blue Heron, 34; Black-crowned Night Heron, 31; Am. Bittern, 1; Mute Swan, 15; Canada Goose, 156; **Snow Goose,** 1; Mallard, **485**; Black Duck, 1625; Gadwall, **10**; European Widgeon, 1; Am. Widgeon, 85; Pintail, 1; Wood Duck, 1; Redhead, 2; Canvasback, 1820; Greater Scaup, 8800; Lesser Scaup, 4; Am. Golden-eye, 590; Buffle-head, 44; Old-squaw, 45; **King Eider,** 1(G. C., H. C.); White-winged Scoter, 52; Surf Scoter, 4; Am. Scoter, 7; Ruddy Duck, **294**; Hooded Merganser, 47; Am. Merganser, 11; Red-breasted Merganser, 430; Red-tailed Hawk, 10; Red-shouldered Hawk, 6; Rough-legged Hawk, 2; Sparrow Hawk, 21; Ring-necked Pheasant, 112; Clapper Rail, 2; Virginia Rail, 2; Killdeer, 43; Am. Woodcock, 1; Wilson's Snipe, 3; Greater Yellowlegs, 1; Purple Sandpiper, 110; Glaucous Gull, 1; Iceland Gull, 2; Great Black-backed Gull, **228**; Herring Gull, 16,500; Ring-billed Gull, **173**; Laughing Gull, **13**; Bonaparte's Gull, 1; **Black-legged Kittiwake,** 3 (R. H., J. M.); Mourning Dove, 95; Screech Owl, **13**; Horned Owl, 2; Barred Owl, 2; Long-eared Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 17; Yellow-shafted Flicker, 15; **Red-headed Woodpecker,** 1; Hairy Woodpecker, 19; Downy Woodpecker, 79; Horned Lark, **44** (2 races); **Tree Swallow,** 1 (P.B.); Blue Jay, **560**; Am. Crow, 250; Fish Crow, 9; Black-capped Chickadee, 183; Tufted Titmouse, 15; White-breasted Nuthatch, 43; Brown Creeper, 5; **House Wren,** 1 (in thicket for over month); Winter Wren, 5; Carolina Wren, 2; Catbird, **6**; Brown Thrasher, 1; Am. Robin, **15**; Hermit Thrush, 1; Eastern Bluebird, 3; Ruby-crowned Kinglet, 1; Water Pipit, 2; Cedar Waxwing, 6; **Loggerhead Shrike,** 1; Common Starling, 9000; Myrtle Warbler, 17; Palm Warbler, 1; **Common Yellowthroat,** 1; House Sparrow, 950; Eastern Meadowlark, 85; Red-winged Blackbird, 144; Rusty Blackbird, 4; Purple Grackle, 54 (2 races); Brown-headed Cowbird, 287; Cardinal, **55**; Purple Finch, 2; **House Finch, 101**; Pine Siskin, 10; Am. Goldfinch, 140; **White-winged Crossbill,** 1; Eastern Towhee, **26**; Savannah Sparrow, 50; Vesper Sparrow, 3; Slate-colored Junco, **1190**; Am. Tree Sparrow, 880; Field Sparrow, **170**; **White-crowned Sparrow,** 1; White-throated Sparrow, **900**; Fox Sparrow, 31; Swamp Sparrow, 24; Song Sparrow, 470. **Total,** 114 species (2 additional subspecies); about 47,998 individuals. (Seen in area count period: Gray Shrike, Snow Bunting.) [Excellent details for all unusual birds—ED.] —R. Aranella, R. Arbib, Jr., N. Boyajian, P. Buckley, J. Bull, Jr., G. Cant, I. Cantor, G. Carleton, H. Collins, H. Darrow, E. Dreyman, E. Eisenmann, W. Ephraim, W. Feigin, R. Harrison, M. Heffron, R. Herbert, R. Kane, R. Kesner, P. Kirk, G. Komorowski, L. Lehrman, W. Lubkin, J. Mayer, A. Milch, E. McGuire, W. Norse, J. Orenstein, A. Penberthy, J. Philipps, D. Pizell, P. Post, R. Preisick, M. Russak, H. Ryan, R. Scully, R. Sloss, P. Steineck, A. Thomas, C. Young.

76. **Buffalo, N. Y.** (area centering on Grand Island as in previous years; open farmland 40%, de-

ciduous woods 15%, parks 7%, Niagara River 20%, cattail marsh 1%, city, suburban and industrial areas 17%).—Dec. 23; 4:15 a.m. to 6 p.m. Overcast to partly cloudy, some fog; temp. 34° to 50°; wind E to NE, 5-10 m.p.h.; ground bare, water areas unfrozen. Fifty-three observers in 15 parties. Total party-hours, 107 (33 on foot, 74 by car); total party-miles, 624 (59 on foot, 565 by car). Common Loon, 2; Horned Grebe, 11; Pied-billed Grebe, 1; Great Blue Heron, 20; Black-crowned Night Heron, 7; Mallard, 729; Black Duck, 882; Gadwall, 2; Pintail, 73; Redhead, **255**; Ring-necked Duck, 1; Canvas-back, 1502; Greater Scaup, 2576; Lesser Scaup, 12; Am. Golden-eye, 2157; Buffle-head, 46; Old-squaw, 205; **King Eider, 2**; White-winged Scoter, 4; Surf Scoter, 3; Am. Scoter, 2; Ruddy Duck, 1; Hooded Merganser, 28; Am. Merganser, **4968**; Red-breasted Merganser, 1070; Red-tailed Hawk, 33; Rough-legged Hawk, 2; Marsh Hawk, 7; Sparrow Hawk, 79; Ring-necked Pheasant, 60; Glaucous Gull, 5; Iceland Gull, 9 (Kumlien's, 3); Great Black-backed Gull, 31; Herring Gull, 5380; Ring-billed Gull, **3026**; Bonaparte's Gull, 477; Mourning Dove, 55; **Barn Owl, 3**; Screech Owl, 12; Horned Owl, 12; Snowy Owl, 1; Long-eared Owl, 5; Short-eared Owl, 12; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Hairy Woodpecker, 14; Downy Woodpecker, 46; **Arctic Woodpecker, 1**; Horned Lark, 23; Blue Jay, 128; Am. Crow, 264; Black-capped Chickadee, 66; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 1; Brown Creeper, 23; Winter Wren, 3; Am. Robin, 4; **Hermit Thrush, 1**; Golden-crowned Kinglet, 43; Cedar Waxwing, 6; Gray Shrike, 7; Common Starling, 8894; **Myrtle Warbler, 2**; House Sparrow, 2503; Eastern Meadowlark, 2; Red-winged Blackbird, 6; Purple Grackle, 1; Brown-headed Cowbird, 1; Cardinal, 23; Am. Goldfinch, 9; Slate-colored Junco, 12; Am. Tree Sparrow, 373; White-throated Sparrow, 1; Swamp Sparrow, 13; Song Sparrow, 23; Snow Bunting, 2. **Total,** 76 species (1 additional subspecies); about 36,285 individuals. (Florida Gallinule, Red-headed Woodpecker seen count week.) [Carefully prepared report, excellent details for all unusual observations—Ed.]—Robert F. Andrle (compiler), Harold H. Axtell, Rachel C. Axtell, John Edward Bacon, Anna Mae Bacon, M. Edna Blowers, James Braunberns, Winston W. Brockner, Sylvia B. Brockner, Edward P. Cummiskey, Leila Cummiskey, Richard Drobits, Mary Louise Emerson, John Filor, Philip S. Greene, Fred T. Hall, Axel Heilborn, Betty Heilborn, Hart Kivett, Walter Klabunde, Harriette Klabunde, Charles Klabunde, Mercedeth Lovelace, Harold D. Mitchell, Bernard Nathan, Richard Rosche, Art Schaffner, Fritz Scheider, Joseph F. Thill, Heather G. Thorpe, Lena Turner, Edward C. Ulrich, Alice Ulrich, Marie Wendling, Ellen J. Windsor, Cyril Wolfling (Buffalo Ornithological Society).

77. **Central Orleans County, N. Y.** (circle centered on Five Corners, Gaines Township; farmland 50%, mixed woodlands 25%, streams and ponds 15%, marshes and swamps 5%, residential 5%).—Dec. 30; 7 a.m. to 5 p.m. Snow a.m., partly clear p.m.; temp. 4° to 12°; wind W to NW, 5-25 m.p.h.; 1-3-in. snow, drifts to 6-in.; streams partly open, ponds frozen, Lake Ontario open. Eight observers in 4 parties. Total party-hours, 23 (18 on foot, 5 by car); total party-miles, 138 (10 on foot, 128 by car). Mallard, 2; scaup (sp.), 2; Am. Golden-eye, 37; White-winged Scoter, 1; Hooded Merganser, 2; Am. Merganser, 76; Red-tailed Hawk, 2; Rough-legged Hawk, 1, Sparrow Hawk, 6; Ring-necked Pheasant, 7; Herring Gull, 70; Ring-billed Gull, 20; Mourning Dove, 32; Yellow-shafted Flicker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 14; Horned Lark, 20; Am. Crow, 14; Black-capped Chickadee, 20; White-breasted Nuthatch, 7; Golden-crowned Kinglet, 1; **Ruby-crowned Kinglet, 1**; Gray Shrike, 1; Common Starling, 432; House Sparrow, 165; Cardinal, 2; Slate-colored Junco, 75; Am. Tree Sparrow, 224; Field Sparrow, 2; **White-crowned Sparrow, 5**; Song Sparrow, 6. **Total,** 31 species; about 1257 individuals. (In area count period: Old-squaw, Screech Owl, Blue Jay, Winter Wren.)—William Carter, Mr. and Mrs. Fred Holt, Pat Kelley, George E. L. Lippert (compiler), Donald Lown, Wilfred H. Weeks, Lenora Wells.

78. **Clinton, N. Y.** (7½-mile radius centering at Hamilton College including parts of New Hartford, Utica, Westmoreland; fields 30%, mixed coniferous woodlands 50%, towns 10%, waste lands 10%).—Jan. 1; 7 a.m. to 4 p.m. Snowing; temp. −5° to 7°; wind NW, 5-10 m.p.h.; 8-10-in. old snow under new fall. One observer. Total hours, 9; total miles, 10 (all on foot). Red-tailed Hawk, 1; Ruffed Grouse, 8; Ring-necked Pheasant, 2; Horned Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Blue Jay, 15; Am. Crow, 12; Black-capped Chickadee, 48; White-breasted Nuthatch, 5; Golden-crowned Kinglet, 6; Common Starling, 4; House Sparrow, 25; Cardinal, 2; Am. Tree Sparrow, 67. **Total,** 16 species; 206 individuals.—Hadley S. Roe.

79. **Conesus–Hemlock–Honeoye Lakes, N. Y.** (7½-mile radius centering at Hemlock Lake outlet, including Canadice Lake adjacent swamps, farmland and separating wooded ridges; lakes 7%, open farmland 65%, deciduous woods and wooded swamps 12%, coniferous woods 10%, towns and cottage areas 6%).—Dec. 27; 8:45 a.m. to 5 p.m. Overcast, snow flurries; temp. 30° to 37°; wind S to SW, 5-25 m.p.h.; ground with 1-3-in. snow; lakes open, swamps with thin ice. Four observers in 1-4 parties. Total party-hours, 16 (12 on foot, 4 by car); total party-miles, 68 (12 on foot, 56 by car). Horned Grebe, 5; Pied-billed Grebe, 2; Black Duck, 90; Redhead, 35; Ring-necked Duck, 3; Canvas-back, 370; Greater Scaup, 150; Am. Golden-eye, 5; Buffle-head, 5; Old-squaw, 1; Red-tailed Hawk, 1; Ring-necked Pheasant, 1; Am. Coot, 50; Herring Gull, 2; Ring-billed Gull, 25; Pileated Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 16; Horned Lark, 4; Blue Jay, 3; Am. Crow, 20; Black-capped Chickadee, 75; White-breasted Nuthatch, 8; Brown Creeper, 1; Am. Robin, 8; **Ruby-crowned Kinglet, 1** (G.R.); **Cedar**

Waxwing, 5; Common Starling, 200; House Sparrow, 200; Cardinal, 7; Am. Tree Sparrow, 200. **Total,** 31 species; about 1500 individuals.— Mrs. C. Haller, G. Rising (compiler), D. and R. Simons (Genesee Ornithological Society).

80. Cortland, N. Y. (same area as in previous years).—Dec. 31; 7 a.m. to 5 p.m. Snow flurries; temp. 16° to 28°; wind mostly W, 10-30 m.p.h.; 6-in. snow on ground, fallen within 3 days, waters mostly open. Two observers in 2 parties. Total party-hours, 15 (12 on foot, 3 by car); total party-miles, 70 (11 on foot, 59 by car). Great Blue Heron, 1; Mallard, 3; Black Duck, 40; Canvas-back, 2; Am. Golden-eye, 10; Am. Merganser, 2; Red-tailed Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 1; Am. Coot, 1; Herring Gull, 16; Horned Owl, 3; Belted Kingfisher, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 9; Blue Jay, 28; Am. Crow, 24; Black-capped Chickadee, 68; White-breasted Nuthatch, 8; Brown Creeper, 4; Winter Wren, 1; Am. Robin, 1; Golden-crowned Kinglet, 10; **Cedar Waxwing, 37**; Common Starling, 690; House Sparrow, 190; Brown-headed Cowbird, 1; Cardinal, 1; Am. Goldfinch, **45**; Slate-colored Junco, 4; Am. Tree Sparrow, 157; Field Sparrow, 1; White-throated Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 19. **Total,** 37 species; about 1392 individuals. [Exceptionally neat, well prepared report—Ed.]—Harold H. Axtell (compiler), Rachel C. Axtell.

81. Deposit, N. Y. (same area as last year).—Dec. 30; 7 a.m. to 4:45 p.m. Partly cloudy, snow squalls; temp. 0° to 12°; wind NNW, 20-40 m.p.h.; 5-in. snow on ground, Oquaga Lake and Delaware River mostly open, river clogged with sposh ice, ponds frozen. Five observers in 4 parties. Total party-hours, 19 (11 on foot, 8 by car); total party-miles, 103 (17 on foot, 86 by car). Horned Grebe, 1; Red-tailed Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 3; Herring Gull, 1; Horned Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 3; Downy Woodpecker, 6; Blue Jay, 12; Am. Crow, 5; Black-capped Chickadee, 121; White-breasted Nuthatch, 13; Brown Creeper, 1; Golden-crowned Kinglet, 2; Common Starling, 229; House Sparrow, 93; Common Redpoll, 50; Slate-colored Junco, 63; Am. Tree Sparrow, 192; Song Sparrow, 1; Snow Bunting, 6. **Total,** 22 species; about 808 individuals. (Seen in area during period: Canada Goose.)—J. E. Smith, E. B. Standfast, E. C. Standfast, E. A. Thatcher, S. S. Wilson, Jr. (compiler).

82. Fort Plain, N. Y. (Mohawk River, valleys of Oak, Otsquene, Otsquago Creeks; Oak Hill and Valley Brook woods; mixed woods 44%, open farmland 21%, river flats 35%).—Jan. 1; 8 a.m. to 4:30 p.m. Partly cloudy, snow p.m.; temp. 2° to 6°; wind NW, 10-30 m.p.h.; 8-in. snow on ground, ice floes in river, creeks partly frozen. One observer. Total hours, 9 (8 on foot, 1 by car); total miles, 20 (6 on foot, 14 by car). Hooded Merganser, 1; Red-tailed Hawk, 1; Hairy Woodpecker, 2; Downy Woodpecker, 1; Blue Jay, 1; Am. Crow, 10; Black-capped Chickadee, 14; Common Starling, 234; House Sparrow, 42; Am. Tree Sparrow, 57; Song Sparrow, 1. **Total,** 11 species; 364 individuals. (Seen during period: Am. Merganser, Herring Gull.)—Douglas Ayres, Jr.

83. Geneva, N. Y. (7½-mile radius centering on south boundary of Geneva, including Waterloo and north end of Seneca Lake).—Dec. 30; 8 a.m. to 5 p.m. Cloudy a.m., clearing p.m.; temp. 5° to 15°; wind NW, 25-5 m.p.h.; 2-in. snow; Seneca Lake open. Eight observers, 6 in 4 parties, 2 at feeders. Total party-hours, 17 (8 on foot, 9 by car); total party-miles, 73 (8 on foot, 65 by car). Horned Grebe, 23; Pied-billed Grebe, 2; Mallard, 34; Black Duck, 300; Redhead, 55; Ring-necked Duck, 12; Canvas-back, 110; Greater Scaup, 2050; Lesser Scaup, 6; Am. Golden-eye, 52; Buffle-head, 2; Am. Merganser, 8; Red-breasted Merganser, 3; Cooper's Hawk, 2; Red-tailed Hawk, 1; Rough-legged Hawk, 8; Marsh Hawk, 2; Sparrow Hawk, 3; Ruffed Grouse, 1; Ring-necked Pheasant, 4; Am. Coot, 93; Great Black-backed Gull, 3; Herring Gull, 42; Mourning Dove, 5; Hairy Woodpecker, 7; Downy Woodpecker, 11; Blue Jay, 11; Am. Crow, 33; Black-capped Chickadee, 29; White-breasted Nuthatch, 8; Common Starling, 63; House Sparrow, 382; Cardinal, 32; Am. Goldfinch, 35; Slate-colored Junco, 37; Am. Tree Sparrow, 44; Song Sparrow, 3. **Total,** 37 species; about 3516 individuals. (In area count period: Great Blue Heron, Snowy Owl, Belted Kingfisher.)—Clifford DeMayo, Leora Dryer, Janet Seeley, Thomas Smart, Paris Trail, Jason Walker, Mildred Walker, Loren Ward (compiler) (Eaton Bird Club).

84. Hamburg–East Aurora, N. Y. (7½-mile radius centering on Chestnut Ridge Park, including Orchard Park, Emery Park; same area as last year).—Dec. 30; 7:30 a.m. to 5 p.m. Sunny a.m., snow squalls p.m.; temp. 0° to 25°; wind NW, 15-20 m.p.h.; 8-15-in. snow on ground, small ponds frozen, Lake Erie and streams open. Forty observers in 18 parties. Total party-hours, 97 (18 on foot, 79 by car; total party-miles, 605 (40 on foot, 565 by car). Black Duck, 3; Greater Scaup, 5; Am. Golden-eye, 24; Am. Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 11; Ring-necked Pheasant, 139; Herring Gull, 63; Ring-billed Gull, 1; Mourning Dove, 3; Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 44; Horned Lark, **158**; Blue Jay, 102; Am. Crow, 179; Black-capped Chickadee, 210; White-breasted Nuthatch, 12; Brown Creeper, 6; Am. Robin, 2; Golden-crowned Kinglet, 28; Cedar Waxwing, 146; Gray Shrike, 1; Common Starling, 871; House Sparrow, 1113; Purple Grackle, 1; Cardinal, 13; Pine Siskin, 2; Am. Goldfinch, 5; Eastern Towhee, 1; Slate-colored Junco, 131; Am. Tree Sparrow, 509; White-throated Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 7; Snow Bunting, 170. **Total,** 40 species; about 3978 individuals. (In area count week: Ruffed Grouse, Wilson's Snipe, Screech Owl, Ruby-crowned Kinglet, Red-winged Blackbird.)—Robert F. Andrle, Mr. and Mrs. C. W. Avery, Jr., Mr. and Mrs. John Bacon

(compilers), Edna Blowers, Thomas L. Bourne, Elma Bowen, Mrs. Virginia Cahill, Mr. and Mrs. E. P. Cummiskey, Mr. and Mrs. M. W. Dietrich, William D. Dugan, R. B. Farrar, Jr., Philip S. Greene, Fred T. Hall, Mr. and Mrs. R. L. Knoble, R. W. Kirsch, A. Krayna, Mrs. Cheryl Lindstrom, S. J. Maciejewski, Harold D. Mitchell, Mr. and Mrs. B. S. Ramsdell, Frances Rathbun, Mr. and Mrs. M. M. Renfrew, Frances G. Rew, Frances M. Rew, R. C. Rosche, Lena Turner, Mr. and Mrs. E. C. Ulrich, F. B. Vanderbles, Gertrude Webster, Marie A. Wendling, Cyril Wolfling, A. J. Wright, II (Buffalo Audubon Society).

85. **Jamestown, N. Y.** (7½-mile radius centering on 6th and Main Streets; lake 35%, stream borders 10%, farmland 18%, mixed woods 28%, coniferous woods 5%, suburban 3%, marsh 1%).—Dec. 22; 7 a.m. to 5:30 p.m. Heavy fog and rain a.m., clearing at noon; temp. 33° to 45°; wind SW to W, 5-15 m.p.h.; ground mostly bare, waters open. Eleven observers in 6 parties. Total party-hours, 34 (15 on foot, 19 by car); total party-miles, 68 (24 on foot, 44 by car). Horned Grebe, 2; Pied-billed Grebe, 3; Whistling Swan, 4; Mallard, 1; Black Duck, 1; Redhead, 31; Canvas-back, 21; Am. Golden-eye, 62; Ruddy Duck, 2; Hooded Merganser, 46; Am. Merganser, 27; accipiter (sp.), 1; Red-tailed Hawk, 3; Sparrow Hawk, 1; Ruffed Grouse, 8; Ring-necked Pheasant, 20; Am. Coot, **140**; Herring Gull, 21; Ring-billed Gull, 6; **Bonaparte's Gull, 3**; Mourning Dove, 1; Horned Owl, 4; Barred Owl, 1; Belted Kingfisher, 3; Pileated Woodpecker, 3; **Red-headed Woodpecker, 2**; Hairy Woodpecker, 3; Downy Woodpecker, 12; Horned Lark, 8; Blue Jay, 61; Am. Crow, 3; Black-capped Chickadee, 210; **Tufted Titmouse, 1**; White-breasted Nuthatch, **28**; Brown Creeper, 9; Winter Wren, 2; Am. Robin, 1; Golden-crowned Kinglet, 31; Common Starling, 483; House Sparrow, 214; Cardinal, 12; Am. Goldfinch, 11; Slate-colored Junco, 7; Am. Tree Sparrow, 69; Swamp Sparrow, 4; Song Sparrow, **13**. **Total,** 46 species; about 1599 individuals. (Seen in area count period: Cooper's Hawk, Screech Owl, **Baltimore Oriole,** Purple Grackle.) [Very thorough details submitted for all unusual birds—Ed.]—C. Beal, E. Brugge, D. Carlson, K. P. Johnson, J. Knott, M. Lawson, W. Mealy, C. Parker, G. Randell, P. Robinson, R. A. Sundell (compiler).

86. **Kingston–Mohonk Lake–Ashokan Reservoir, N. Y.** (same area as in previous years).— Dec. 29; 7:15 a.m. to 4:45 p.m. Overcast, 1-in. fresh snow on trees, fog; temp. 30° to 35°; wind NW, 0-25 m.p.h.; streams and ponds open. Fourteen observers in 5 parties. Total party-hours, 60 (29 on foot, 31 by car); total party-miles, 185 (38 on foot, 147 by car). Pied-billed Grebe, 1; Canada Goose, 1; Mallard, 20; Black Duck, 132; Am. Golden-eye, 22; Am. Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 5; Ring-necked Pheasant, 2; **Great Black-backed Gull, 4**; Herring Gull, 19; Mourning Dove, 97; Horned Owl, 2; Yellow-shafted Flicker, 3; Pileated Woodpecker, 2; Hairy Woodpecker, 17; Downy Woodpecker, 27; Blue Jay, 112; Am. Crow, 107; Black-capped Chickadee, 101; Tufted Titmouse, 3; White-breasted Nuthatch, 28; Brown Creeper, 7; Carolina Wren, 1; Am. Robin, 7; Golden-crowned Kinglet, 14; Ruby-crowned Kinglet, 1; Cedar Waxwing, 36; Gray Shrike, 1; Loggerhead Shrike, 1; Common Starling, 807; Myrtle Warbler, 2; **Yellow-breasted Chat, 1** (present since mid-Dec.); House Sparrow, 255; Eastern Meadowlark, 41; Red-winged Blackbird, 221; Rusty Blackbird, 5; Brown-headed Cowbird, 10; Cardinal, 25; Purple Finch, 12; Am. Goldfinch, 39; Slate-colored Junco, 512; Am. Tree Sparrow, 267; White-throated Sparrow, 12; Song Sparrow, **59**; Snow Bunting, 3. **Total,** 51 species; about 3056 individuals. (**Kentucky Warbler** in area count period, present since Dec. 5—H.D., I.D., F.H.) —Arthur M. Cragin, Henry Dunbar, Ilse Dunbar (compiler), Albert Feldman, Sam and Helen Hayes, Fred and Wileta Hough, Ralph Johnson, George D. Long, Thomas Morgan, Robert Pyle, Daniel Smiley, Jr., John Swenson.

87. **Madrid, N. Y.** (circle as last year, Canadian portion not censused; much land along St. Lawrence denuded by seaway construction).—Jan. 1; 6:45 a.m. to 4:35 p.m. Clear, except river hidden by dense fog; temp. −10° to −2°; wind NW, 5-10 m.p.h.; smaller rivers mostly frozen, 8-in. snow on ground. Six observers in 4 parties. Total party-hours, 21 (4 on foot, 17 by car); total party-miles, 202 (11 on foot, 191 by car). Am. Golden-eye, 5; Ruffed Grouse, 3; Herring Gull, 1; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 33; Black-capped Chickadee, 39; White-breasted Nuthatch, 2; Golden-crowned Kinglet, 10; **Ruby-crowned Kinglet, 1**; Common Starling, 55; House Sparrow, 29; Pine Siskin, 15; Am. Goldfinch, 53; Am. Tree Sparrow, 86; **Song Sparrow, 1**; Snow Bunting, 21. **Total,** 17 species; 359 individuals.—John Belknap, Harold Burrell, Ronald Goldie, E. Taylor Judd, Lyman Langdon, Edward Nichols (compiler).

88. **Manhattan, N. Y.** (same area as in 1950 and most subsequent years).—Dec. 22; 7 a.m. to 4:35 p.m. Heavy rain almost all day; temp. 35° to 42°; wind NE, 10-15 m.p.h.; ground bare, no ice. Ten observers in 5 parties. Total party-hours, 34 (29 on foot, 1 by car, 4 by boat); total party-miles, 150 (60 on foot, 30 by car, 60 by boat). Horned Grebe, 1; Black-crowned Night Heron, 10; Canada Goose, 7; Mallard, 49; Black Duck, 211; Am. Widgeon, 9; Green-winged Teal, 3; Canvas-back, 412; Greater Scaup, 308; Lesser Scaup, 27; Am. Golden-eye, 1; White-winged Scoter, 1; Am. Scoter, 3; Ruddy Duck, 51; Red-breasted Merganser, 26; Peregrine Falcon, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 1; Killdeer, 1; Glaucous Gull, 1; Iceland Gull, 3; Great Black-backed Gull, 74; Herring Gull, 4267; Ring-billed Gull, 70; **Black-headed Gull, 2**; Laughing Gull, 42; Bonaparte's Gull, 198; **Saw-whet Owl, 1**; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 5; Horned Lark, 2; Blue Jay, 16; Am. Crow, 11; Brown Creeper, 1; Am. Robin,

1; Common Starling, 95,000; House Sparrow, 557; Red-winged Blackbird, 31; Rusty Blackbird, 1; Purple Grackle, 6; Brown-headed Cowbird, 13; Cardinal, 6; Eastern Towhee, 1; Slate-colored Junco, 22; Field Sparrow, 1; White-throated Sparrow, 7; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 11. **Total,** 51 species; about 101,481 individuals. (Seen in area prior to count: European Widgeon, Black-capped Chickadee.)—Cyrus Austin, William Cooney, W. Gordon, Richard E. Harrison, G. Heilbrun, W. Kennedy, Mrs. Pauline Messing, Robert Mathews, Henry Ryan, Richard Ryan (compiler).

89. Monticello, N. Y. (area and habitat coverage same as last year).—Dec. 29; 7:30 a.m. to 5 p.m. Cloudy, fog a.m., clear p.m.; temp. 33° to 22°; wind SW to NW, 2-25 m.p.h.; 2½-in. new snow, water frozen except rivers and reservoirs. Sixteen observers in 3 parties. Total party-hours, 25 (3 on foot, 22 by car); total party-miles, 182 (5 on foot, 177 by car). Black Duck, 68; Am. Golden-eye, 2; Am. Merganser, 2; Bald Eagle, 3; Ruffed Grouse, 4; Ring-necked Pheasant, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 14; Blue Jay, 67; Am. Crow, 14; Black-capped Chickadee, 61; White-breasted Nuthatch, 12; Am. Robin, 2; Cedar Waxwing, 19; Gray Shrike, 4; Common Starling, 429; House Sparrow, 473; Eastern Meadowlark, 1; Purple Grackle, 2; Cardinal, 3; Purple Finch, 8; Am. Goldfinch, 10; Slate-colored Junco, 38; Am. Tree Sparrow, 142. **Total,** 25 species; about 1389 individuals. (Seen in area count period: Rough-legged Hawk.) [Exceptionally neat, careful report—ED.]—Mr. and Mrs. Charles Atwell, John Boyd, Pauline Chernick, Mr. and Mrs. George E. Dimock, Mr. and Mrs. M. C. Hammond, Mrs. Julius Holtzman, Mr. and Mrs. Edward McBride, Edward Morse, Mr. and Mrs. Kenneth D. Niven (compilers), Mr. Goyn Reinhardt, Joan VanGordon (Sullivan County and Minisink Audubon Societies).

90. Olean, N. Y. (same area as preceding years).—Dec. 29; 8 a.m. to 4:30 p.m. Partly cloudy and snow; temp. 10° to 25°; wind W, 10-20 m.p.h.; Allegheny River open and high, 2-6-in. snow. Eight observers in 4 parties. Total party-hours, 20 (10 on foot, 10 by car); total party-miles, 89 (9 on foot, 80 by car). Pied-billed Grebe, 1; Am. Merganser, 1; Sparrow Hawk, 2; Ruffed Grouse, 3; **Turkey,** 7 (introduced); Mourning Dove, **46**; Belted Kingfisher, 2; Hairy Woodpecker, 4; Downy Woodpecker, 10; Blue Jay, 11; Am. Crow, 3; Black-capped Chickadee, 73; **Tufted Titmouse,** 3; White-breasted Nuthatch, 12; Brown Creeper, 1; Golden-crowned Kinglet, 3; Common Starling, 350; House Sparrow, 82; Brown-headed Cowbird, 2; Cardinal, 1; Am. Goldfinch, **61**; Slate-colored Junco, 30; Am. Tree Sparrow, 157; Song Sparrow, 5. **Total,** 24 species; about 870 individuals. (Seen in area during period: Barred Owl, Pileated Woodpecker.)—E. A. Eaton, S. W. Eaton (compiler), Louise Keenan, F. Liegey, F. G. Meyer, Mr. and Mrs. L. H. Parsons, Robert Werrlein.

91. Peekskill, N. Y. (area and habitats same as in previous years).—Dec. 22; 7 a.m. to 5 p.m. Overcast, light rain from 10 a.m. on; temp. 33° to 45°; wind ENE, 5-15 m.p.h.; small ponds frozen, Hudson River completely open. Eleven observers in 4 parties. Total party-hours, 40 (32 on foot, 8 by car); total party-miles, 318 (41 on foot, 277 by car). Pied-billed Grebe, 1; Black-crowned Night Heron, 1; Canada Goose, 6; Mallard, 142; Black Duck, 167; Ring-necked Duck, 91; Canvas-back, 103; Greater Scaup, 1; Am. Golden-eye, 20; Hooded Merganser, 27; Am. Merganser, 51; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 8; Am. Coot, 8; Killdeer, 5; Great Black-backed Gull, 8; Herring Gull, 3211; Ring-billed Gull, 4; Mourning Dove, 29; Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 6; Pileated Woodpecker, 1; Hairy Woodpecker, 17; Downy Woodpecker, 66; Blue Jay, 143; Am. Crow, 209; Black-capped Chickadee, 184; White-breasted Nuthatch, 54; Red-breasted Nuthatch, 1; Brown Creeper, 10; Winter Wren, 2; Catbird, 1; Am. Robin, 43; Eastern Bluebird, 31; Golden-crowned Kinglet, 14; Ruby-crowned Kinglet, 8; Cedar Waxwing, 11; Gray Shrike, 1; Common Starling, 979; Myrtle Warbler, 9; House Sparrow, 191; Eastern Meadowlark, 6; Red-winged Blackbird, 3; Cardinal, 33; Purple Finch, 7; Am. Goldfinch, 65; **Savannah Sparrow,** 1 (J.R.N.); Slate-colored Junco, 271; Am. Tree Sparrow, 333; White-throated Sparrow, 93; Swamp Sparrow, 3; Song Sparrow, 53. **Total,** 56 species; about 6746 individuals. (Seen during period: Carolina Wren, **Yellow-breasted Chat,** Brown-headed Cowbird.)—William Anderson, Martin Brech, John Given, Michael Gochfeld, Bruce Kornbluth, Meg Manderson, James R. Nolan (compiler), Ralph Odell, Judy Slechta, Mr. and Mrs. Paul J. Wolfe (Naturalists' Workshop).

92. Putnam County, N. Y. (area and habitats same as last year).—Dec. 29; 6:30 a.m. to 5 p.m. Sleet changing to snow in p.m.; temp. 31° to 33°; wind NE, 10-30 m.p.h.; ponds and shallow lakes frozen. Seventeen observers in 5 parties. Total party-hours, 47 (33 on foot, 14 by car); total party-miles, 314 (46 on foot, 268 by car). Horned Grebe, 1; Pied-billed Grebe, 5; Black Duck, 33; Ring-necked Duck, 7; Canvas-back, 3; Greater Scaup, 3; Am. Golden-eye, 87; Buffle-head, 14; Ruddy Duck, 9; Hooded Merganser, 14; Am. Merganser, 41; Marsh Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 4; Ring-necked Pheasant, 1; Am. Coot, 30; Herring Gull, 64; **Laughing Gull,** 2 (carefully identified—M.B. party); Horned Owl, 3; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 16; Downy Woodpecker, 23; Blue Jay, 116; Am. Crow, 121; Black-capped Chickadee, 212; White-breasted Nuthatch, 38; Brown Creeper, 13; Am. Robin, 1; Eastern Bluebird, 3; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 1; Common Starling, 296; House Sparrow, 279; Red-winged Blackbird, 5; Purple Grackle, 1; Brown-headed Cowbird, 1; Cardinal, 9; Am. Goldfinch, 28; Slate-colored Junco, 510; Am. Tree Sparrow, 490; White-throated

Sparrow, 16; Song Sparrow, 10. **Total,** 44 species; about 2526 individuals. (Seen during period: Common Loon, Redhead.)—W. Anderson, M. Brech (compiler), J. Given, B. Kornbluth, Mr. and Mrs. G. Little, J. Nolan, R. Odell, J. Rice, M. Sellers, J. Slechta, K. Witty, P. Wolf (Naturalists' Workshop).

93. **Rochester, N. Y.** (7½-mile radius circle centering on Dewey Ave. and Stone Rd. as in 1955).—Dec. 30; 6 a.m. to 6 p.m. Cloudy with snow flurries, occasional sun; temp. 5° to 11°; wind WNW, averaging 18 m.p.h.; 1-6-in. snow on ground, ponds frozen, Lake Ontario and bays open. Thirty-six observers in 16 parties. Total party-hours, 88 (55 on foot, 33 by car); total party-miles, 402 (54 on foot, 348 by car). Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 1; Mallard, 37; Black Duck, 301; Pintail, 2; Green-winged Teal, 1; Redhead, 1; Greater Scaup, 330; Lesser Scaup, 13; Am. Golden-eye, 367; Buffle-head, 6; Old-squaw, 552; White-winged Scoter, 19; **Surf Scoter, 2**; **Am. Scoter, 4**; Ruddy Duck, 6; Hooded Merganser, 1; Am. Merganser, 217; Red-breasted Merganser, 58; Sharp-shinned Hawk, 2; Red-tailed Hawk, 9; Rough-legged Hawk, 4; Sparrow Hawk, 5; Ring-necked Pheasant, 89; Great Black-backed Gull, **48**; Herring Gull, 877; Ring-billed Gull, 1364; Bonaparte's Gull, 65; Mourning Dove, 3; Screech Owl, 4; Horned Owl, 3; Long-eared Owl, 1; Short-eared Owl, 4; **Saw-whet Owl, 1**; Yellow-shafted Flicker, 3; Hairy Woodpecker, 16; Downy Woodpecker, 42; **Arctic Woodpecker, 5**; **Three-toed Woodpecker, 1**; Horned Lark, 13; Blue Jay, 24; Am. Crow, 3599; Black-capped Chickadee, 81; White-breasted Nuthatch, 21; Red-breasted Nuthatch, 1; Brown Creeper, 12; Winter Wren, 2; Long-billed Marsh Wren, 1; Am. Robin, **38**; Golden-crowned Kinglet, 2; Cedar Waxwing, 35; Gray Shrike, 3; Common Starling, **4651**; Myrtle Warbler, 2; House Sparrow, 374; Eastern Meadowlark, **6**; Red-winged Blackbird, 33; Rusty Blackbird, 22; Purple Grackle, 1; Brown-headed Cowbird, 20; Cardinal, 77; Am. Goldfinch, 8; Slate-colored Junco, 112; Am. Tree Sparrow, 397; White-throated Sparrow, 5; Swamp Sparrow, 11; Song Sparrow, 47; Lapland Longspur, 2; Snow Bunting, 4. **Total,** 70 species; about 14,070 individuals. (Seen count period: Am. Widgeon, **King Eider,** Bald Eagle, Marsh Hawk, **Florida Gallinule,** Am. Coot, **Purple Sandpiper,** Glaucous Gull, Belted Kingfisher.)—Mr. and Mrs. J. Barlow, T. Barry, J. W. Brown, D. Cameron, D. Cameron III, H. Clancy, Mr. and Mrs. R. Dakin, G. Davis, R. Dolan, H. Foster, R. Hartwell, D. Holland, G. Jones, Mr. and Mrs. A. J. Klonick, Gerhard Leubner (compiler), W. Listman, Mr. and Mrs. R. McKinney, H. Miller, Dr. and Mrs. N. Moon, William Muchmore, R. O'Hara, Mr. and Mrs. D. Perry, G. Rising, F. Schmanke, R. and D. Simons, Leo Tanghe, Mr. and Mrs. E. White (Genesee Ornithological Society and Burroughs-Audubon Nature Club).

94. **Schenectady, N. Y.** (same area and habitat percentages as last year).—Dec. 22; 7:30 a.m. to 5 p.m. Cloudy, fog, rain and snow; temp. 30° to 34°; no wind; 3-in snow on ground, streams and ponds partly open. Twenty-three observers in 7 parties. Total party-hours, 37 (18 on foot, 19 by car); total party-miles, 191 (26 on foot, 165 by car). **Pied-billed Grebe, 1**; Great Blue Heron, 1; Mallard, 8; Black Duck, 4; Am. Merganser, 3; Goshawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 3; Sparrow Hawk, 3; Ruffed Grouse, 9; Ring-necked Pheasant, 55; Killdeer, 1; Herring Gull, 21; Mourning Dove, 13; Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 25; **Arctic Woodpecker, 1** (still present Jan. 6); Blue Jay, 132; Am. Crow, 154; Black-capped Chickadee, 268; White-breasted Nuthatch, 37; Brown Creeper, 7; Am. Robin, 13; Eastern Bluebird, 3; Golden-crowned Kinglet, 11; Gray Shrike, 3; Common Starling, 470; House Sparrow, 181; Red-winged Blackbird, 8; Brown-headed Cowbird, **120**; Cardinal, 1; Am. Goldfinch, 59; Slate-colored Junco, 58; Am. Tree Sparrow, 366; White-throated Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 21. **Total,** 42 species; about 2083 individuals. (In area count period: Am. Bittern, Carolina Wren, Ruby-crowned Kinglet.) [Exceptionally neat report, careful details for all unusual observations—Ed.]—Helen Arnold, Brother E. Austin, Guy Bartlett, Hazel Eddy, Stephen C. Fordham, Esly Hallenbeck, Lawrence S. Hill, Mr. and Mrs. Byron T. Hipple, Jr., Alice Holmes, Mary C. Johnston, Mary F. Linch, Mr. and Mrs. Howard Malone, Gloria Meader, James K. Meritt (compiler), Marie Novak, Stephanie Podrazik, Agatha Schuurman, Minnie B. Scotland, Mr. and Mrs. Glen Slack, Robert Yunick (Schenectady Bird Club, Inc.).

95. **Staten Island, N. Y.** (seashore 30%, salt-water marsh 10%, fresh-water marsh 10%, woodland 15%, fields 20%, off-shore waters 15%).—Dec. 23; 6:30 a.m. to 5:30 p.m. Overcast, light drizzle 4 p.m.; temp. 38° to 45°; wind E, 2-8 m.p.h.; lakes and ponds open. Twenty-one observers in 8 parties. Total party-hours, 65 (46 on foot, 14 by car, 5 by boat); total party-miles, 176 (42 on foot, 124 by car, 10 by boat). Red-throated Loon, 1; Horned Grebe, 216; Double-crested Cormorant, 23; Great Blue Heron, 1; Canada Goose, 40; Blue Goose, 7; Mallard, 20; Black Duck, 791; Gadwall, 1; Pintail, 4; Green-winged Teal, 50; Canvas-back, 20; Greater Scaup, 15,320; Am. Golden-eye, 410; Buffle-head, 812; Old-squaw, 325; White-winged Scoter, 133; Surf Scoter, 1; Am. Merganser, 2; Red-breasted Merganser, 10; Cooper's Hawk, 1; Red-tailed Hawk, 5; Marsh Hawk, 8; Peregrine Falcon, 1; Sparrow Hawk, 10; Ring-necked Pheasant, 34; Am. Coot, 8; Killdeer, 38; Wilson's Snipe, 19; Purple Sandpiper, 54; Sanderling, 119; **Glaucous Gull, 1**; **Iceland Gull, 1**; Great Black-backed Gull, 1436; Herring Gull, 38,190; Ring-billed Gull, 51; Laughing Gull, 209; Bonaparte's Gull, 5406; **Black-headed Gull, 1** (carefully identified—4 observers); Mourning Dove, 15; Barn Owl, 1; Screech Owl, 5; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Downy Woodpecker, 34; **Crested Flycatcher, 1** (carefully studied at 20 ft. —4 observers); Horned Lark, 31; **Tree Swallow, 2**; Blue Jay, 81; Am. Crow, 3038; Fish Crow,

30; Black-capped Chickadee, 23; Tufted Titmouse, 3; White-breasted Nuthatch, 9; **Carolina Wren, 1**; Catbird, 2; Am. Robin, 6; Eastern Bluebird, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 3; Common Starling, 8009; **Orange-crowned Warbler, 1**; Myrtle Warbler, 42; House Sparrow, 117; Eastern Meadowlark, 33; Red-winged Blackbird, 33; Purple Grackle, 4; Brown-headed Cowbird, 126; Cardinal, 41; Am. Goldfinch, 59; Eastern Towhee, 17; Savannah Sparrow, 30; Slate-colored Junco, 97; Am. Tree Sparrow, 198; Field Sparrow, 17; White-throated Sparrow, 147; Fox Sparrow, 5; Swamp Sparrow, 4; Song Sparrow, 151. **Total,** 79 species; about 76,204 individuals. (Seen in area count period: Water Pipit.)—Irving Black, Roger Christensen, Howard Cleaves, Barbara Cook, Lee A. Ellison, Henry Flamm, R. Bruce Gordon, Vera Gordon, Lamar Hilton, Dorothy Hunt, H. Ray Hunt, Joe Jehl, John LeMaire, Robert Mathewson, Nick Niosi, Casimir Redjives, Hans Schleich, William Standaert, Mathilde, P. Weingartner (compiler), James L. Whitehead, Floyd Wolfarth.

96. Syracuse, N. Y. (same area as previous years). —Dec. 30; 7 a.m. to 6 p.m. Snow squalls, blizzard; temp. 5° to 10°; wind NW, 4-12 m.p.h.; shallow lakes rapidly freezing, 5-in. new blowing snow on ground. Twenty-seven observers in 14 parties. Total party-hours, 89 (40 on foot, 49 by car); total party-miles, 563 (58 on foot, 505 by car). Horned Grebe, 2; Mallard, 6; Black Duck, 43; **Wood Duck, 2** (second winter on same pond); Canvas-back, 520; Greater Scaup, 2; Am. Golden-eye, 5; Old-squaw, 3; Hooded Merganser, 2; Am. Merganser, 2; Cooper's Hawk, 1; Red-tailed Hawk, 6; Rough-legged Hawk, 21; Marsh Hawk, 13; Sparrow Hawk, 4; Ruffed Grouse, 6; Ring-necked Pheasant, 40; **Iceland Gull, 1** (Kumlien's); Herring Gull, 82; Ring-billed Gull, 2; Mourning Dove, 5; Screech Owl, 1; Horned Owl, 2; **Saw-whet Owl,** 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Pileated Woodpecker, 2; Hairy Woodpecker, 20; Downy Woodpecker, 27; **Arctic Woodpecker,** 1; Blue Jay, 21; Am. Crow, 183; Black-capped Chickadee, 182; White-breasted Nuthatch, 14; Brown Creeper, 9; Am. Robin, 4; Golden-crowned Kinglet, 3; Cedar Waxwing, 2; Gray Shrike, 9; Common Starling, 4000; **Myrtle Warbler,** 1 (at feeder); House Sparrow, 1300; Eastern Meadowlark, 21; Brown-headed Cowbird, 51; Cardinal, 19; Evening Grosbeak, 1; Am. Goldfinch, 12; Slate-colored Junco, 35; Am. Tree Sparrow, 218; Song Sparrow, 19. **Total,** 50 species; about 6933 individuals. (Seen count period: Redhead, Ring-necked Duck, Lesser Scaup, Buffle-head, Ruddy Duck, Sharp-shinned Hawk, Great Black-backed Gull, Short-eared Owl, Horned Lark, Winter Wren, Ruby-crowned Kinglet, **Baltimore Oriole,** Purple Grackle, Red-winged Blackbird, Swamp Sparrow, Snow Bunting.)—Jim Ashley, Angus Brown, Mr. and Mrs. Robert Burdick, Benjamin Burtt. Ada Carter, Betsy Cate, May Cate, Lee Chamberlain, Mrs. W. Estoff, Charles Farnham, Harry Jones, Paul Jones, Maureen Lavers, Brian McKnight, Margery Mathis, William Minor, Paul Paquette, Mrs. R. L. Probst, Edward Patterson, Roberta Seamen, Fritz Scheider, Walter Spofford (compiler), Leroy Stegeman, Robert Wayland-Smith, Jeff Stelljes, Douglas Whitman.

97. Troupsburg, N. Y. (7½-mile radius centering on Young Hickory Baptist Church).—Dec. 26; 7 a.m. to 5 p.m. Cloudy; temp. 16° to 29°; wind SE, 4-10 m.p.h.; no snow. Two observers in 2 parties. Total party-hours, 14 (10 on foot, 4 by car); total party-miles, 31 (20 on foot, 11 by car). Turkey, 30 (released few years ago, increasing); Screech Owl, 1; Hairy Woodpecker, 3; Downy Woodpecker, 5; Blue Jay, 11; Am. Crow, 3; Black-capped Chickadee, 11; White-breasted Nuthatch, 6; Common Starling, 19; House Sparrow, 17; Am. Goldfinch, 27. **Total,** 11 species; 133 individuals. (Ruffed Grouse, Horned Owl, Am. Robin, Slate-colored Junco in area count period.)—Mrs. E. L. Plaisted, Walter W. Plaisted (compiler).

98. Troy, N. Y. (same area and habitat percentages as last year).—Dec. 30; 8:30 a.m. to 5 p.m. Clear; temp. 0° to 10°; wind NW, 5-20 m.p.h.; 3-in. new drifting snow on ground, large bodies of water open, small streams and marshes frozen. Eight observers in 3 parties. Total party-hours, 16 (6 on foot, 10 by car); total party-miles, 148 (7 on foot, 141 by car). **Pied-billed Grebe,** 1; Mallard, 30; Black Duck, 600; Am. Golden-eye, 35; Am. Merganser, 12; Red-breasted Merganser, 4; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 1; **Iceland Gull,** 1 (Kumlien's); **Great Black-backed Gull,** 1; Herring Gull, 111; Ring-billed Gull, 24; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 20; Am. Crow, 83; Black-capped Chickadee, 31; White-breasted Nuthatch, 1; Golden-crowned Kinglet, 2; Common Starling, 410; House Sparrow, 53; Eastern Meadowlark, 1; Slate-colored Junco, 20; Am. Tree Sparrow, 217. **Total,** 29 species; about 1671 individuals. (In area count period: Sparrow Hawk, Am. Goldfinch.)—Guy Bartlett, Mr. and Mrs. W. R. Foote, Esly Hallenbeck, Mr. and Mrs. Byron T. Hipple, Jr. (compiler), Mary C. Johnston, Mary F. Linch (Schenectady Bird Club, Inc.).

99. Watertown, N. Y. (same area as 19 previous counts, 7½-mile radius centering on Public Square; wooded 30%, farmland 30%, swamps 20%, city streets and river bank 20%).—Dec. 22; 7:30 a.m. to 3:30 p.m. Overcast, freezing rain beginning noon; temp. 28°; wind NE, 10-15 m.p.h.; ground bare, much open water in ponds and streams. Fourteen observers in 9 parties. Total party-hours, 23 (20 on foot, 3 by car); total party-miles, 81 (28 on foot, 53 by car). Black Duck, 4; Sharp-shinned Hawk, 1; Ruffed Grouse, 5; Ring-necked Pheasant, 3; Great Black-backed Gull, 1; Herring Gull, 64; Hairy Woodpecker, 7; Downy Woodpecker, 7; Blue Jay, 27; Am. Crow, 4; Black-capped Chickadee, 36; White-breasted Nuthatch, 2; **Cedar Waxwing, 80**; Gray Shrike, 3; Common Starling, 378; House Sparrow, 163; Evening Grosbeak, 1; Am. Tree Sparrow, 25. **Total,** 18 species; about 811 individuals. (Seen

at feeders count week: **Savannah Sparrow,** Slate-colored Junco, Song Sparrow.)—Arthur W. Allen, John Bedford, John B. Belknap, Joseph Blake, Jr., Frank A. Clinch (compiler), Mrs. Charles Edwards, Joseph Ellis, Jr. Marie Elitharp, David Gordon, Lucile Grant, Marada Johnson, Jane Naughton, Erma Schell, Harold Wiley (North Country Bird Club).

100. Watkins Glen, N. Y. (7½-mile radius centering on Franklin and 4th St., including Seneca Lake waterfront, State Park, Salt Point Rd., East Lake Shore, Montour Falls Airport; open fields 55%, deciduous and evergreen woods 20%, lake front 20%, suburbs 5%).—Jan. 1; 7:30 a.m. to 5 p.m. Some snow flurries, little sun; temp. 6° to 10°; wind WNW, 5-20 m.p.h.; 1-3-in. snow, ponds frozen, small streams partly frozen, edge of lake frozen. Eight observers in 5 parties. Total party-hours, 25 (20 on foot, 5 by car); total party-miles, 51 (15 on foot, 36 by car). Common Loon, 4; Horned Grebe, 6; Pied-billed Grebe, 17; Canada Goose, 1; Black Duck, 100; Redhead, 5; Canvas-back, 100; Greater Scaup, 27; Am. Golden-eye, 13; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 5; Ruffed Grouse, 8; Ring-necked Pheasant, 6; Great Black-backed Gull, 1; Herring Gull, 300; Ring-billed Gull, 30; Horned Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 25; Blue Jay, 21; Am. Crow, 16; Black-capped Chickadee, 119; White-breasted Nuthatch, 36; Brown Creeper, 5; Carolina Wren, 2; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Gray Shrike, 1; Common Starling, 50; House Sparrow, 525; Purple Grackle, 5; Cardinal, 14; Am. Goldfinch, 55; Slate-colored Junco, 69; Am. Tree Sparrow, 34; **Field Sparrow, 1. Total,** 38 species; about 1618 individuals. (Seen in area census period: Mallard, Buffle-head, Screech Owl, Belted Kingfisher, Mourning Dove, Red-winged Blackbird, **Baltimore Oriole,** White-throated Sparrow.)—Jamesine Bardeen (compiler), Susan Bardeen, Jack Brubaker, Ruth Champion, Louise Helfer, Louise Hope, Albert Smith, Nancy White (Watkins-Montour Bird Club).

101. Barnegat, N. J. (same area as in 1946 and subsequent years).—Dec. 30; 5:30 a.m. to 5:30 p.m. Clear; temp. 20° to 32°; wind NW, 30-35 m.p.h.; ground nearly covered with light snow, marshes mostly frozen, Barnegat Bay and creeks open. Eleven observers in 4 parties. Total party-hours, 50 (35 on foot, 15 by car); total party-miles, 156 (21 on foot, 135 by car). Common Loon, 4; Red-throated Loon, 15; Red-necked Grebe, 3; Horned Grebe, 284; Gannet, **100**; European Cormorant, 1; Double-crested Cormorant, 50; Great Blue Heron, 11; Canada Goose, 11; Am. Brant, 3200; Black Duck, 207; Greater Scaup, 213; Am. Golden-eye, 68; Buffle-head, 16; Old-squaw, 448; **Harlequin Duck, 3** (2 present all month); Common Eider, 4; **King Eider, 3** (L.W., R.T. party); White-winged Scoter, 12; Surf Scoter, 30; Am. Scoter, 1; Red-breasted Merganser, 345; Turkey Vulture, 8; Sharp-shinned Hawk, 1; Bald Eagle, 2; Marsh Hawk, 3; Peregrine Falcon, 1; Sparrow Hawk, 6; Bob-White, 2; Clapper Rail, 1; Killdeer, 27; Black-bellied Plover, 10; Purple Sandpiper, 53; Red-backed Sandpiper, 850; **Marbled Godwit, 1** (R.F.); Sanderling, 412; Great Black-backed Gull, 80; Herring Gull, 4145; Ring-billed Gull, 752; Laughing Gull, 8; Bonaparte's Gull, 1100; **Black-legged Kittiwake, 1** (L.W.); Mourning Dove, 51; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Downy Woodpecker, 20; Horned Lark, 15; Blue Jay, 41; Am. Crow, 38; Carolina Chickadee, 84; Tufted Titmouse, 53; White-breasted Nuthatch, 15; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 8; Catbird, 2; Am. Robin, 9; Hermit Thrush, 6; Eastern Bluebird, 6; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 1; Common Starling, 500; Myrtle Warbler, 257; House Sparrow, 55; Eastern Meadowlark, 76; Red-winged Blackbird, 13; Rusty Blackbird, 1; Purple Grackle, 4; Brown-headed Cowbird, 1; Cardinal, 84; Am. Goldfinch, 66; Ipswich Sparrow, 2; Savannah Sparrow, 9; Seaside Sparrow, 2; Vesper Sparrow, 1; Slate-colored Junco, 81; Am. Tree Sparrow, 36; Field Sparrow, 4; White-throated Sparrow, 153; Fox Sparrow, 5; Swamp Sparrow, 3; Song Sparrow, 16; Snow Bunting, 40. **Total,** 83 species; about 14,269 individuals. [Excellent details submitted for all unusual observations—Ed.]—Irving Black, Philip Brody, Robert Frohling, Charles Hetzel, Donald Kunkle (compiler), Nick Niosi, William Osborn, Richard Thorsell, Maarten van de Kamp, Elaine Walsh, Lester Walsh.

102. Boonton, N. J. (area not exceeding 15-mile diameter, Troy Hills the center; same habitat percentages as last year).—Dec. 22; 5 a.m. to 5 p.m. Rain and fog; temp. 43° to 45°; wind NE, 10-17 m.p.h.; ground bare, lakes and ponds open, water level high in rivers and marshes. Thirteen observers in 5 parties. Total party-hours, 42 (28 on foot, 12 by car, 2 by boat); total party-miles, 160 (60 on foot, 96 by car, 4 by boat). Horned Grebe, 1; Pied-billed Grebe, 2; Great Blue Heron, 1; Mute Swan, 20; Canada Goose, 4; Mallard, 170; Black Duck, 405; Gadwall, 4; Am. Widgeon, 167; Pintail, 5; Green-winged Teal, 1; **Wood Duck, 2**; Redhead, 75; Ring-necked Duck, 25; Canvas-back, 22; Greater Scaup, 40; Lesser Scaup, 1; Am. Golden-eye, 3; Buffle-head, 37; Ruddy Duck, 260; Am. Merganser, 14; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 2; Virginia Rail, **8**; Am. Coot, 52; Wilson's Snipe, 1; Herring Gull, 19; Mourning Dove, 38; Screech Owl, 33; Horned Owl, 2; Long-eared Owl, 10; Short-eared Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 4; Red-headed Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 37; Horned Lark, 25; Blue Jay, 192; Am. Crow, 252; Black-capped Chickadee, 102; Tufted Titmouse, 52; White-breasted Nuthatch, 20; Brown Creeper, 5; Winter Wren, 1; Carolina Wren, 1; Long-billed Marsh Wren, 1; Am. Robin, 2; Hermit Thrush, 4; Eastern Bluebird, 2; Golden-crowned Kinglet, 1; Loggerhead Shrike, 1; Common Starling, 305; **Orange-crowned Warbler, 1** (C.L., F.W.); Myrtle Warbler, 1; House Sparrow, 112; Eastern Meadowlark, 8; Red-winged Blackbird, 39; Rusty Blackbird, 71; Purple Grackle, 100; Brown-

headed Cowbird, 4; Cardinal, 47; Am. Goldfinch, 26; Eastern Towhee, 3; Savannah Sparrow, 5; Slate-colored Junco, 137; Am. Tree Sparrow, 458; Field Sparrow, 50; White-throated Sparrow, 119; Fox Sparrow, 19; Swamp Sparrow, 43; Song Sparrow, 137. **Total,** 77 species; about 3835 individuals.—I. Black, P. Brodie, J. B. Crowell, L. Hilton, J. Jehl, Jr., J. LaStation, C. Lincoln, N. Niosi, R. Smith, W. Standaert, R. Thorsell, P. Westcott, F. P. Wolfarth (compiler).

103. Bridgeton, N. J. (7½-mile radius centering at Cedarville to include Sea Breeze and Fortescue on Delaware Bay; all observations in Cumberland County; suburbs 1%, mixed woodlands 10%, salt marsh 30%, plowed land 40%, fresh-water ponds and streams 15%, salt water 4%).—Dec. 21; 5 a.m. to 5:30 p.m. Rainy; temp. 34° to 44°; wind NE, 5-10 m.p.h.; heavy fog all day. Seventeen observers in 7 parties. Total party-hours, 119 (30 on foot, 89 by car); total party-miles, 281 (24 on foot, 257 by car). Horned Grebe, 1; Pied-billed Grebe, 3; Great Blue Heron, 9; **Am. Egret,** 1; Black-crowned Night Heron, 21; Am. Bittern, 1; Canada Goose, 21; **Snow Goose, 1025**; Mallard, 53; Black Duck, 300; Green-winged Teal, 1; duck (sp.), 232; Ring-necked Duck, 4; Buffle-head, 2; Old-squaw, 1; Ruddy Duck, 4; Hooded Merganser, 5; Turkey Vulture, 17; Red-tailed Hawk, 1; Bald Eagle, 2; Marsh Hawk, 8; Sparrow Hawk, 10; Bob-white, 46; Clapper Rail, 13; Killdeer, 3; Wilson's Snipe, 5; Greater Yellow-legs, 1; Lesser Yellow-legs, 1; Herring Gull, 222; Mourning Dove, 24; Horned Owl, 1; Belted Kingfisher, 12; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 24; Horned Lark, 107; Blue Jay, 45; Am. Crow, 172; Fish Crow, 6; Carolina Chickadee, 48; Tufted Titmouse, 31; White-breasted Nuthatch, 3; Brown Creeper, 1; **House Wren, 1** (carefully identified—D.K.); Carolina Wren, 28; Mockingbird, 8; Catbird, 5; Am. Robin, 216; Hermit Thrush, 1; Eastern Bluebird, 15; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Cedar Waxwing, 5; Loggerhead Shrike, 2; Common Starling, 3120; **Yellow-breasted Chat,** 1; Myrtle Warbler, 54; Palm Warbler, 3; House Sparrow, 589; Eastern Meadowlark, 125; Red-winged Blackbird, 352; Boat-tailed Grackle, 1; Purple Grackle, 1711; Brown-headed Cowbird, 12; Cardinal, 79; Am. Goldfinch, 37; Eastern Towhee, 5; Savannah Sparrow, 6; Seaside Sparrow, 2; Slate-colored Junco, 91; Am. Tree Sparrow, **449**; Chipping Sparrow, 4; Field Sparrow, 81; White-throated Sparrow, 489; Swamp Sparrow, 33; Song Sparrow, 152. **Total,** 76 species; about 10,183 individuals.—Mrs. Helen Blew, Mr. and Mrs. LeRoy Cossaboon, Mrs. Josephine Estes, Marlin Krouse, Donald E. Kunkle, William H. Jenkins, Jr., Bennett K. Matlack (compiler), John J. McDermott, Harold Morton, Mrs. Leslie E. Myatt, Mr. and Mrs. J. Stanley Quickmire, Mrs. James R. Randolph, Santo J. Salvo, Dorothy Slack, Frances Wheaton.

104. Cape May, N. J. (7½-mile radius centering at Rio Grande, Cape May County; salt marsh 15%, residential 15%, woodland 15%, beaches 5%, ocean and bay 50%).—Dec. 30; 5:30 a.m. to 4:30 p.m. Very strong wind especially in early morning made it almost impossible to hear birds. Landbirds kept under cover, waterbirds close to windward shores; arrangements for boat and plane had to be cancelled; temp. 27° to 27°; wind W, 40-25 m.p.h.; water open except small fresh-water ponds and puddles. Fifty-eight observers in 10 parties. Total party-hours, 80 (60 on foot, 20 by car); total party-miles, 400 (135 on foot, 265 by car). Common Loon, 9; Red-throated Loon, 32; Horned Grebe, **390**; Pied-billed Grebe, 55; Gannet, **81**; Double-crested Cormorant, 4; Great Blue Heron, 57; Am. Egret, 11; Snowy Egret, 3; Louisiana Heron, 5; Little Blue Heron, 97; **Green Heron,** 1; Black-crowned Night Heron, 30; Am. Bittern, 2; Canada Goose, 46; Am. Brant, 25,000; Snow Goose, 2; Mallard, 40; Black Duck, 2600; Gadwall, 1; **European Widgeon,** 1; Am. Widgeon, 200; Pintail, 4; Green-winged Teal, 16; Wood Duck, 9; Redhead, 8; Ring-necked Duck, 9; Canvas-back, 10; Greater Scaup, 325; Lesser Scaup, **150**; Am. Golden-eye, 48; Bufflehead, 242; Old-squaw, 303; **Harlequin Duck,** 1; **Common Eider,** 2; White-winged Scoter, 50; Surf Scoter, 162; Am. Scoter, 775; Ruddy Duck, 39; Hooded Merganser, 3; Am. Merganser, 5; Red-breasted Merganser, 174; Turkey Vulture, 167; Sharp-shinned Hawk, 4; Cooper's Hawk, 6; Red-tailed Hawk, 6; Red-shouldered Hawk, 4; Rough-legged Hawk, 1; Bald Eagle, 7; Marsh Hawk, 26; Sparrow Hawk, 19; Bob-white, 39; Clapper Rail, 3; Am. Coot, 132; Ringed Plover, 3; Killdeer, 75; Black-bellied Plover, 84; Am. Woodcock, 2; Wilson's Snipe, 6; Greater Yellow-legs, 12; Lesser Yellow-legs, 2; Purple Sandpiper, 55; Least Sandpiper, 7; Red-backed Sandpiper, 2500; Semipalmated Sandpiper, 1; Western Sandpiper, 3; Sanderling, 475; Great Black-backed Gull, 160; Herring Gull, **20,000**; Ring-billed Gull, 800; Bonaparte's Gull, 530; Mourning Dove, 168; Barn Owl, 1; Screech Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 29; Red-bellied Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 31; **Western Kingbird, 2** (1 each by 2 parties in widely separated areas); Horned Lark, 75; Tree Swallow, **780**; Blue Jay, 30; Am. Crow, 1740; Fish Crow, 13; Carolina Chickadee, 160; Tufted Titmouse, 83; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 1; Brown Creeper, 4; House Wren, 1; Winter Wren, 2; Carolina Wren, 31; Short-billed Marsh Wren, 1; Mockingbird, 20; Catbird, 5; Brown Thrasher, 2; Am. Robin, 470; Hermit Thrush, 6; Eastern Bluebird, 52; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 5; Water Pipit, 79; Cedar Waxwing, 37; Common Starling, 11,000; Myrtle Warbler, 7300; Palm Warbler, 15; House Sparrow, 850; Eastern Meadowlark, 670; Red-winged Blackbird, 1650; Purple Grackle, 292; Brown-headed Cowbird, 880; Cardinal, 240; Purple Finch, 2; Am. Goldfinch, 245; Eastern Towhee, 27; Savannah Sparrow, 74; Sharp-tailed Sparrow, 2; Ipswich Sparrow, 1; Vesper Sparrow, 9; Slate-colored Junco, 260; Am. Tree Sparrow, 110; Chipping Sparrow, 7; Field Sparrow, 186; White-crowned Sparrow, 5; White-throated Sparrow, 1360; Fox Sparrow, 26; Swamp

Sparrow, 33; Song Sparrow, 285. **Total,** 130 species; about 85,508 individuals. (Goshawk seen day before count.) Count total for 36 years is now 204.—E. C. Archer, William Bailey, Daniel E. Batezel, Daniel R. Batezel, Alan Brady, Ray Brooke, Jr., Robert S. Brodey, David, Joel and Joseph M. Cadbury, Ernest A. Choate (compiler), David A. Cutler, Mr. and Mrs. Herbert Cutler, David Detweiler, Joseph M. Devlin, Edgar T. Gibson, E. A. Guthrie, Henry Guthrie, Irene and Stephen Harty, Stuart W. Hughes, Joseph Jacobs, William Jay, James Lazell, M. Albert Linton, Philip A. Livingston, William J. MacMurtrie, Edward J. Manners, E. Wayne Marshall, David L. Marshall, Virginia C. Marshall, Daniel J. McDonald, Peter A. McCord, John F. McIlvain, J. T. McNeill, Jr., Martin C. Michener, John C. Miller, Richard F. Miller, James L. Moore, Jr., John R. Moore, Robert J. Murray, Maurice W. O'Connell, Jr., Howell Peniston, Julian Kent Potter, Chester L. Reagan, Edward J. Reimann, George B. Reynard, C. Chandler Ross, Clarence E. Stasz, Robert C. Stein, Francis Stokes, Jr., Robert W. Stone, Phillips B. Street, Lester S. Thomas, Frederick A. Ulmer, Jr., Edward D. Wildman, Charles A. Wonderly (Delaware Valley Ornithological Club).

105. Great Swamp–Watchung Ridges, N. J. (7½-mile radius centering in New Providence; dry deciduous woods 30%, wet deciduous woods 17%, fields 28%, suburban 23%, evergreen woods 2%).—Dec. 30; 7 a.m. to 4:30 p.m.; temp. 15° to 25°; ground bare, most water ice-coated. Sixteen observers in 5 parties. Total party-hours, 34 (19 on foot, 15 by car); total party-miles, 194 (22 on foot, 172 by car). Mute Swan, 2; Mallard, 157; Black Duck, 17; Ring-necked Duck, 1; Hooded Merganser, 2; Am. Merganser, 25; Sharp-shinned Hawk, 2; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 6; Ruffed Grouse, 1; Ring-necked Pheasant, 2; Killdeer, 3; Herring Gull, 124; Ring-billed Gull, 37; Mourning Dove, 111; Barn Owl, 4; Screech Owl, 1; Long-eared Owl, 13; Belted Kingfisher, 1; Yellow-shafted Flicker, 9; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 38; Downy Woodpecker, 112; Horned Lark, 225; Blue Jay, 407; Am. Crow, 231; Black-capped Chickadee, 233; Tufted Titmouse, 177; White-breasted Nuthatch, 108; Red-breasted Nuthatch, 1; Brown Creeper, 7; Carolina Wren, 1; Mockingbird, 1; Am. Robin, 2; Eastern Bluebird, 37; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 1; Cedar Waxwing, 15; Common Starling, 8745; Myrtle Warbler, 35; House Sparrow, 893; Eastern Meadowlark, 56; Purple Grackle, 4; Brown-headed Cowbird, 208; Cardinal, 157; Purple Finch, 2; Am. Goldfinch, 81; Eastern Towhee, 24; Slate-colored Junco, 996; Am. Tree Sparrow, 244; Field Sparrow, 13; White-throated Sparrow, 517; Fox Sparrow, 11; Swamp Sparrow, 15; Song Sparrow, 64. **Total,** 59 species; about 14,202 individuals.—Dave Adams, Mrs. Henry Davis, James Hand, Charles Hoiles, Stuart Hurlbut, Mr. and Mrs. N. Knorr, Jeannette Middlebrook (compiler), Virginia Middlebrook, Conrad Ogden, Hadley Roe, Mr. and Mrs. Fred Rolf, John Soward, Dick Tucker, Mrs. J. R. Whitlock.

106. Hackensack–Ridgewood, N. J. (7½-mile radius centering on River Edge Bridge, north to N. Y. State line, south to Paterson Plank Rd.; woodlands 29%, residential 30%, swamp 5%, brushy fields 5%, marsh 8%, river and lake fronts 21%, garbage dumps 1%, cemeteries 1%; 10 feeding stations).—Dec. 29; 12:30 a.m. to 4:30 p.m. Rain and snow; temp. 33° to 36°; wind N, 15 m.p.h.; ground bare. Forty-eight observers in 22 parties. Total party-hours, 101 (66 on foot, 35 by car); total party-miles, 380 (53 on foot, 327 by car). Pied-billed Grebe, 2; **Whistling Swan, 1** (in area several weeks); Canada Goose, 66; Mallard, 905; Black Duck, 386; Green-winged Teal, 2; Redhead, 3; Canvas-back, 376; Greater Scaup, 1; Lesser Scaup, 15; Ruddy Duck, 48; Hooded Merganser, 8; Am. Merganser, 22; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 11; Ruffed Grouse, 3; Ring-necked Pheasant, 2; Killdeer, 10; Great Black-backed Gull, 8; Herring Gull, 1481+; Ring-billed Gull, 306; Mourning Dove, 115; Barred Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 5; Hairy Woodpecker, 13; Downy Woodpecker, 71; **Arctic Woodpecker, 1** (carefully studied—6 observers); Blue Jay, 335; Am. Crow, 171; Black-capped Chickadee, 173; Tufted Titmouse, 125; White-breasted Nuthatch, 74; Red-breasted Nuthatch, 1; Brown Creeper, 9; Winter Wren, 4; **Catbird, 2**; Am. Robin, 1; Eastern Bluebird, 6; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 2; Common Starling, 2761; Myrtle Warbler, 60; House Sparrow, 884; Eastern Meadowlark, 1; Red-winged Blackbird, 201; Rusty Blackbird, 15; Purple Grackle, 129; Brown-headed Cowbird, 199; Cardinal, 82; Purple Finch, 4; Am. Goldfinch, 36; Eastern Towhee, 14; Slate-colored Junco, 593; Am. Tree Sparrow, 339; **Chipping Sparrow, 2** (carefully identified); Field Sparrow, 46; White-throated Sparrow, 289; Fox Sparrow, 14; Swamp Sparrow, 2; Song Sparrow, 267. **Total,** 63 species; more than 10,714 individuals. (Mockingbird, **Yellow-breasted Chat** seen count period.)—E. A. Abeles, E. Arguello, Mrs. H. T. Armitt, H. T. Armitt, G. Baker, Mrs. R. H. Baker, A. F. Barber (compiler), Mrs. L. R. Bomm, H. Beede, A. Bihun, Jr., Mrs. H. Brewer, H. Brewer, Mrs. C. W. Bush, C. W. Bush, R. Caldwell, S. Caldwell, F. V. Cross, J. C. Demarest, Miss A. Dunham, Mrs. F. G. Dunham, Mrs. N. Emig, N. Emig, Mrs. G. B. Fetter, H. S. Fisher, R. H. Gaede, D. Gill, F. Gill, Miss H. Gill, H. Hendrickson, J. Hendrickson, J. E. Keller, Mrs. C. Kientzler, Miss M. Kuhnen, Mrs. F. J. McKenna, Mrs. P. M. O'Blenis, P. M. O'Blenis, C. Ostman, Miss D. C. Pallas, Mrs. F. J. Root, Mrs. D. A. Roser, D. A. Roser, Mrs. H. E. Rowlands, Mrs. A. E. Scherrer, F. R. Schetty, W. F. Standaert, H. Stringer, Mrs. J. Van Saun, J. Zabransky (members of Hackensack and Ridgewood Audubon Societies).

107. Lakehurst, N. J. (Point Pleasant to Toms River, Lakehurst and Lakewood; pine woods 50%, deciduous woods 20%, cultivated land 5%, cedar

swamps 5%, sand beach 5%, salt marsh 5%, towns 10%).—Dec. 29; 6 a.m. to 5 p.m. Clouding early, rain a.m., sleet p.m.; temp. 38° to 30°; wind N, 5-55 m.p.h.; streams, ponds and bays open; ground bare at start, then 2-in. snow. Eight observers in 3 parties. Total party-hours, 26 (13 on foot, 13 by car); total party-miles, 89 (9 on foot, 80 by car). Common Loon, 3; Red-throated Loon, 1; Horned Grebe, 51; Pied-billed Grebe, 6; Gannet, 7; Double-crested Cormorant, 1; Great Blue Heron, 18; Am. Brant, 45; **Snow Goose, 3**; Mallard, 250; Black Duck, 66; Gadwall, 3; European Widgeon, 1; Am. Widgeon, 372; Redhead, 9; Ring-necked Duck, 6; Canvas-back, 10; Greater Scaup, 20; Lesser Scaup, 14; Am. Golden-eye, 170; Buffle-head, 14; Old-squaw, 2; White-winged Scoter, 14; Ruddy Duck, 18; Hooded Merganser, 7; Am. Merganser, 77; Red-breasted Merganser, 52; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 5; **Bob-white, 21**; Am. Coot, 140; Killdeer, 1; **Wilson's Snipe, 1**; Great Black-backed Gull, 28; Herring Gull, 232; Ring-billed Gull, 15; Laughing Gull, 2; Bonaparte's Gull, 2; Mourning Dove, 14; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Horned Lark, 5; Blue Jay, 12; Am. Crow, 28; Fish Crow, 1; Black-capped Chickadee, 2; Carolina Chickadee, 28; Tufted Titmouse, 2; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 1; Brown Creeper, 4; Carolina Wren, 2; Catbird, 1; Am. Robin, 25; Eastern Bluebird, 1; Golden-crowned Kinglet, 10; Common Starling, 535; Myrtle Warbler, 2; House Sparrow, 30; Eastern Meadowlark, 21; Red-winged Blackbird, 4; Purple Grackle, 9; Brown-headed Cowbird, 5; Cardinal, 7; Am. Goldfinch, 7; **Red Crossbill, 2**; Eastern Towhee, 1; Savannah Sparrow, 1; Sharp-tailed Sparrow, 1; Seaside Sparrow, 1; Slate-colored Junco, 25; Am. Tree Sparrow, 18; Field Sparrow, 7; White-throated Sparrow, 22; Swamp Sparrow, 1; Song Sparrow, 10. **Total,** 80 species; about 2546 individuals. (Seen during period: Pintail, Virginia Rail, Screech Owl.) —Fritz Baumle, David Fables, Sue Fables (compiler), Leo Holland, Gary Straus, Harvey Straus, Milton Straus, Farris Swackhamer.

108. Long Branch, N. J. (Oceanport to Wreck Pond; bays and ponds 35%, beach front 15%, ocean 10%, brushy fields 10%, farmland 15%, marshes 10%, woods 5%).—Dec. 29; 5 a.m. to 4:30 p.m. Overcast, rain, snow; temp. 42° to 32°; wind NE, 20 m.p.h.; no snow at start, ponds open. Thirty-four observers in 10 parties. Total party-hours, 72 (28 on foot, 40 by car, 4 by boat); total party-miles, 426 (26 on foot, 360 by car, 40 by boat). Common Loon, 3; Red-throated Loon, 3; Horned Grebe, 131; Pied-billed Grebe, 14; Gannet, **124;** Double-crested Cormorant, 134; Great Blue Heron, 17; Mute Swan, 15; Canada Goose, 78; Am. Brant, 175; Snow Goose, 2; Mallard, 374; Black Duck, 379; Gadwall, 30; Am. Widgeon, 837; Pintail, 1; Ring-necked Duck, 1; Canvas-back, 13; Greater Scaup, 1150; Lesser Scaup, 3; Am. Golden-eye, 46; Buffle-head, 52; Old-squaw, 3; White-winged Scoter, 40; Ruddy Duck, 513; Hooded Merganser, 9; Am. Merganser, 45; Red-breasted Merganser, 4; Red-tailed Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 4; Bob-white, 22; Ring-necked Pheasant, 12; Am. Coot, 277; Killdeer, 26; Red-backed Sandpiper, 1; Sanderling, 70; Great Black-backed Gull, **555**; Herring Gull, 3060; Ring-billed Gull, 205; Laughing Gull, 18; Bonaparte's Gull, 861; **Black-legged Kittiwake, 3** (carefully identified); Mourning Dove, 215; Screech Owl, 1; Horned Owl, 4; Belted Kingfisher, 4; Yellow-shafted Flicker, 10; Hairy Woodpecker, 9; Downy Woodpecker, 26; Horned Lark, 55; Blue Jay, 114; Am. Crow, 212; Fish Crow, 10; Black-capped Chickadee, 1; Carolina Chickadee, 155; Tufted Titmouse, 48; White-breasted Nuthatch, 14; Brown Creeper, 2; Carolina Wren, 3; Mockingbird, 3; Catbird, 3; Am. Robin, 8; Hermit Thrush, 1; Eastern Bluebird, 5; Golden-crowned Kinglet, 29; Common Starling, 2450; Myrtle Warbler, 327; House Sparrow, 204; Eastern Meadowlark, 65; Red-winged Blackbird, 2360; Purple Grackle, **106,600**; Brown-headed Cowbird, 1046; Cardinal, 56; **Black-headed Grosbeak, 1** (carefully identified—E.W., W.K.); Purple Finch, 2; Am. Goldfinch, 133; Eastern Towhee, 9; Savannah Sparrow, 3; Slate-colored Junco, 183; Am. Tree Sparrow, 119; Field Sparrow, 7; White-throated Sparrow, 331; Fox Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 111. **Total,** 86 species; about 124,256 individuals.—I. H. Black, P. Brody, Marian Day, S. Dickerson, Margaret Duncombe, J. L. Edwards, B. Einhorn, Mrs. J. Guttman, L. Hilton, J. Jehl, Jr., W. Kortright, D. Kunkle, C. W. Lincoln, Mr. and Mrs. J. Lovett, III, V. Macaluso, J. Mann, Mrs. A. McKim, C. H. Nichols, N. Niosi, Grace Reeves, C. Rosenthal, D. Rosenthal, W. F. Sandford, G. M. Seeley, (compiler), R. Sell, R. Smith, Mr. and Mrs. G. D. Stout, Patty Stout, Prentice Stout, E. Wisner, F. Wolfarth, J. Wopat, Jr.

109. Moorestown–Maple Shade–Riverton, N. J. (same area as former years; farmland 40%, town suburbs 32%, wet brushy meadows 11%, deciduous woods 8%, river front 6%, evergreen woods 3%).—Dec. 22; 5 a.m. to 5 p.m. Dense fog until 10 a.m., then rainy; temp. 46° to 54°; wind NE, 0-20 m.p.h.; ground bare, water areas open. Forty-two observers in 25 parties. Total party-hours, 67 (30 on foot, 17 by car, 20 at feeders); total party-miles, 168 (31 on foot, 137 by car). Pied-billed Grebe, 2; Great Blue Heron, 1; Canada Goose, 17; Mallard, 73; Black Duck, 33; Pintail, 200; Canvas-back, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 15; Bob-white, 2; Ring-necked Pheasant, 22; Killdeer, 1; Herring Gull, 105; Ring-billed Gull, 6; Mourning Dove, 110; Barn Owl, 2; Long-eared Owl, 6; **Short-eared Owl, 1**; Belted Kingfisher, 3; Yellow-shafted Flicker, 13; Downy Woodpecker, 23; Horned Lark, 130; Blue Jay, 100; Am. Crow, 306; Carolina Chickadee, 63; Tufted Titmouse, 19; White-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 2; Mockingbird, 17; Brown Thrasher, 2; Am. Robin, 2; Golden-crowned Kinglet, 6; Water Pipit, 221; Common Starling, 1249; House Sparrow, 562; Eastern Meadowlark, 36; Red-winged Blackbird, 301;

Purple Grackle, 20; Brown-headed Cowbird, 13; Cardinal, 76; Pine Siskin, 10; Am. Goldfinch, 41; Eastern Towhee, 1; Slate-colored Junco, 257; Am. Tree Sparrow, 44; Field Sparrow, 16; White-throated Sparrow, 220; Fox Sparrow, 4; Song Sparrow, 79. **Total,** 53 species; about 4446 individuals. [Exceptionally neat report—Ed.]—S. N. Aldridge, L. Allyn, H. F. and I. Anders, M. P. Barrett, A. C. and A. B. Borton, C. Carter, W. L. and B. Cleaver, F. G. Conrow, E. Dominguez, T. W. and E. R. Elkinton, E. T. Gibson, C. J. Gremminger, E. L. Gillingham, B. S. and R. L. Haines, D. E. and B. Lawyer, M. A. and M. R. Linton, A. W. H., E. R. and J. Lippincott, E. Litchfield, J. L. and H. L. Moore (compilers), R. Morris, C. L. Reagan, H. W. and R. E. Ritchie, W. H. Roberts, Jr., A. M. and J. E. Rogers, R. Smythe, H. and R. W. Stone, E. R. West, R. Wilkins, K. Wilson.

110. **Morristown, N. J.** (7½-mile radius centering on Ironia; open area 37%, woodland and wooded hills 49%, swamp and lowlands 5%, open lake country 9%).—Dec. 29; 5 a.m. to 6 p.m. Cloudy, occasional snow flurries; temp. 33° to 37°; wind N, 5-10 m.p.h.; considerable open water. Forty-one observers in 7 parties. Total party-hours, 48 (22 on foot, 26 by car); total party-miles, 399 (52 on foot, 347 by car). Pied-billed Grebe, 4; Great Blue Heron, 1; Mute Swan, 55; **Whistling Swan, 13**; Mallard, 37; Black Duck, 20; Am. Widgeon, 20; Ring-necked Duck, 8; Greater Scaup, 64; Am. Golden-eye, 15; Buffle-head, 8; Ruddy Duck, 25; Am. Merganser, 11; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 7; Ruffed Grouse, 2; Ring-necked Pheasant, 1; Am. Coot, 66; Killdeer, 3; Herring Gull, 21; **Bonaparte's Gull, 1**; Mourning Dove, 30; Horned Owl, 1; Barred Owl, 1; Long-eared Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 23; Pileated Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 25; Downy Woodpecker, 92; Blue Jay, 377; Am. Crow, 587; Fish Crow, 1; Black-capped Chickadee, 351; Tufted Titmouse, 155; White-breasted Nuthatch, 86; Red-breasted Nuthatch, 2; Brown Creeper, 11; Winter Wren, 3; Carolina Wren, 5; Am. Robin, 20; Hermit Thrush, 1; Eastern Bluebird, 68; Golden-crowned Kinglet, 18; Ruby-crowned Kinglet, 3; Cedar Waxwing, 40; **Loggerhead Shrike, 1**; Common Starling, 1798; Myrtle Warbler, 25; House Sparrow, 1071; Red-winged Blackbird, 1; Purple Grackle, 6; Cardinal, 85; Purple Finch, 34; Am. Goldfinch, 82; Eastern Towhee, 9; Slate-colored Junco, 1076; Am. Tree Sparrow, 505; Chipping Sparrow, 2; White-throated Sparrow, 196; Fox Sparrow, 2; Song Sparrow, 63. **Total,** 64 species; about 7250 individuals. (In area count period: **Dickcissel,** Horned Lark.)—Mrs. Henry Appleby (co-compiler), Mrs. F. L. Bower, Mrs. G. Brangwin, Mrs. Gail Cannon, Maurice Chalet, Mrs. William Clelland, Mr. and Mrs. R. H. Cubberly, Mrs. Henry Davis, Elizabeth Dodd, Martha Dodd, Mrs. George Francis, Mrs. Roberta Franklin, Mrs. Paul Fogel, Mrs. Arthur Gemmill, James Hand, Mrs. L. Haslwanter, May Leonard, Mrs. Worral Mountain, John Neal, Mrs. John Neal, Mr. and Mrs. Courtney Norwine, Mrs. J. Purcell, Mrs. Albert Reynolds, Dr. and Mrs. R. P. Riesz, Hadley Roe, Duncan Sharp, Edith L. Smith, Mrs. Foster Smith, Richard Thorsell, Maartin van de Kamp, Mrs. Cora Warmington, Melvin J. Weig, Mrs. Melvin J. Weig (compiler), Lois Wenman, Mrs. Gertrude Whitlock, Amy Wiedemann, A. Wittenberg, Darwin Wood (Morris Nature Club).

111. **Mount Holly, N. J.** (same area and habitat percentages as last year).—Dec. 23; 6:30 a.m. to 4:30 p.m. Rain most of day; temp. 42° to 40°; wind NW, 5 m.p.h.; Rancocas Creek and Delaware River open. Six observers in 2 parties. Total party-hours, 36 (4 on foot, 32 by car); total party-miles, 90 (6 on foot, 84 by car). Pied-billed Grebe, 1; Mallard, 2; Black Duck, 10; Pintail, 11; Lesser Scaup, 20; Am. Merganser, 5; Turkey Vulture, 30; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 6; Herring Gull, 18; Mourning Dove, 63; Belted Kingfisher, 4; Yellow-shafted Flicker, 2; Downy Woodpecker, 5; Blue Jay, 22; Am. Crow, 71; Carolina Chickadee, 22; Tufted Titmouse, 19; White-breasted Nuthatch, 15; Carolina Wren, 2; Mockingbird, 2; Am. Robin, 6; Hermit Thrush, 2; Golden-crowned Kinglet, 1; Common Starling, 150; House Sparrow, 120; Eastern Meadowlark, 27; Red-winged Blackbird, 2; Purple Grackle, 2; Brown-headed Cowbird, 3; Cardinal, 7; Am. Goldfinch, 6; Slate-colored Junco, 29; Am. Tree Sparrow, 2; White-throated Sparrow, 44; Fox Sparrow, 6; Song Sparrow, 10. **Total,** 40 species; about 751 individuals.—Mary Middleton, Mrs. Elizabeth P. Pumyea, Nelson D. W. Pumyea (compiler), J. Russell Sprow, Mr. and Mrs. William H. Trump.

112. **Northwestern Gloucester County, N. J.** (same area and habitat percentages as last year).—Dec. 29; 7:30 a.m. to 9:30 p.m. Cloudy followed by light rain and snow; temp. 37° to 28°; wind N to NNW, 7-21 m.p.h.; ponds and streams free of ice. Twenty-four observers in 9 parties. Total party-hours, 73 (46 on foot, 27 by car); total party-miles, 388 (61 on foot, 327 by car). **Common Loon, 2**; Pied-billed Grebe, 3; Great Blue Heron, 5; **Am. Egret, 25** (some still present Jan. 13); Mallard, 25; Black Duck, 47; Pintail, 258; Lesser Scaup, 1; **Am. Golden-eye, 8**; Ruddy Duck, **7000+**; Turkey Vulture, 37; Cooper's Hawk, 2; Red-tailed Hawk, 8; Red-shouldered Hawk, 3; Marsh Hawk, 8; Sparrow Hawk, 46; Bob-white, 29; Ring-necked Pheasant, 10; **Am. Coot, 2**; Killdeer, 88; Wilson's Snipe, 9; Great Black-backed Gull, 3; Herring Gull, 97; Ring-billed Gull, 5; Mourning Dove, 691; Barn Owl, 1; Screech Owl, 1; Long-eared Owl, 2; Belted Kingfisher, 7; Yellow-shafted Flicker, 23; Hairy Woodpecker, 5; Downy Woodpecker, 43; Eastern Phoebe, 2; Horned Lark, 369; Blue Jay, 157; Am. Crow, 1358; Fish Crow, 53; Black-capped Chickadee, 4; Carolina Chickadee, 146; Tufted Titmouse, 46; White-breasted Nuthatch, 1; Brown Creeper, 9; Winter Wren, 3; Carolina Wren, 71; Mockingbird, 13; Catbird, 2; Am. Robin, 2; Hermit Thrush, 3; Eastern Bluebird, 7; Golden-crowned Kinglet, 32; Ruby-crowned Kinglet, 1; Common Starling, 6007+; Myrtle Warbler,

15; **Pine Warbler, 1**; House Sparrow, 732; Eastern Meadowlark, 270; Red-winged Blackbird, 313; Rusty Blackbird, 210; Purple Grackle, 10,173+; Brown-headed Cowbird, 471; Cardinal, 190; Am. Goldfinch, 68; Eastern Towhee, 5; Savannah Sparrow, 1; Vesper Sparrow, 8; Slate-colored Junco, 705; Am. Tree Sparrow, 67; Field Sparrow, 158; White-crowned Sparrow, **66** (in recent years common in winter); White-throated Sparrow, 1063; Swamp Sparrow, 2; Song Sparrow, 196; Snow Bunting, 2. **Total,** 73 species; more than 31,496 individuals. (Seen during period: Horned Owl, Red-breasted Nuthatch, **Black-capped Warbler,** Baltimore Oriole.)—Drew Byers, Tom Byers, Joe Devlin, Bob Drew, Kingsley Ebert, Dick Ebert, Jo Estes, Russ Fowler, Hazel Gilbert, Mimi Glass, Win Glass, George Hitchner, Stuart Hughes, Bill Jenkins, Lois King, Harry Lake, E. R. Manners, Thelma Middleton, W. R. Middleton (compiler), Paul O'Brien, Dale Sanville, Dorothy Shuman, Helen Wright, Dick Wright.

113. Northwestern Hunterdon County, N. J. (7½-mile radius centered on Clinton; cultivated farmlands 50%, abandoned and overgrown fields 10%, deciduous woodland 30%, ponds and water courses 5%, rural villages 5%).—Dec. 29; 7 a.m. to 4 p.m. Snow flurries then cloudy; temp. 30° to 36°; wind NE, 35 m.p.h.; ground bare and unfrozen except at higher elevations, ponds and brooks ice-free. Ten observers in 4 parties. Total party-hours, 40 (8 on foot, 32 by car); total party-miles, 215 (16 on foot, 199 by car). Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 33; **Turkey Vulture, 1**; Red-tailed Hawk, 8; Red-shouldered Hawk, 1; Marsh Hawk, **45**; Sparrow Hawk, 9; Ruffed Grouse, 2; Ring-necked Pheasant, 13; Mourning Dove, 38; Short-eared Owl, **6**; Belted Kingfisher, 7; Yellow-shafted Flicker, 10; **Yellow-bellied Sapsucker, 2**; Hairy Woodpecker, 3; Downy Woodpecker, 24; Horned Lark, 175; Blue Jay, 139; Am. Crow, 1353; Black-capped Chickadee, 63; Tufted Titmouse, 17; White-breasted Nuthatch, 11; Brown Creeper, 5; **Catbird, 1**; Eastern Bluebird, 29; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 9; Common Starling, 2539; House Sparrow, 685; Eastern Meadowlark, 3; Red-winged Blackbird, 1; Purple Grackle, 52; Cardinal, 22; Am. Goldfinch, 23; Eastern Towhee, 2; Slate-colored Junco, 359; Am. Tree Sparrow, 96; **Chipping Sparrow, 20** (carefully identified—H.D., N.C.W.); Field Sparrow, 1; White-throated Sparrow, 77; Song Sparrow, 10. **Total,** 43 species; about 5899 individuals.—V. Abraitys, R. Bellis, Mrs. R. Chatfield, H. Drinkwater (compiler), H. Lindsley, L. Kovi, W. Muller, Mr. and Mrs. H. Spehr, N. C. Wyckoff (Hunterdon County Bird Club).

114. Oceanville, N. J. (same area since 1954: 7½-mile radius centered at Headquarters on Brigantine National Wildlife Refuge).—Dec. 29; 8 a.m. to 4 p.m. Rain turning to heavy snow; temp. 33° to 40°; wind NW, 15-20 m.p.h.; water open, visibility zero by 2 p.m. Twenty-four observers in 6 parties. Total party-hours, 156 (107 on foot, 49 by car); total party-miles, 360 (39 on foot, 321 by car). Common Loon, 4; Red-throated Loon, 3; Horned Grebe, 260; Pied-billed Grebe, 19; Double-crested Cormorant, 2; Great Blue Heron, 102; Am. Egret, 68; Snowy Egret, 9; Little Blue Heron, 68; Black-crowned Night Heron, 49; Am. Bittern, 1; Whistling Swan, 2; Canada Goose, 780; Am. Brant, 140,000; Snow Goose, 350; Blue Goose, 5; Mallard, 2700; Black Duck, 32,000; Gadwall, 3; Am. Widgeon, 500; Pintail, 1340; Green-winged Teal, 320; Blue-winged Teal, 3; Shoveller, 32; Wood Duck, 2; Redhead, 6; Canvas-back, 29; Greater Scaup, 974; Lesser Scaup, 9; Am. Golden-eye, 34; Buffle-head, 250; Old-squaw, 4; White-winged Scoter, 9; Surf Scoter, 13; Am. Scoter, 7; Ruddy Duck, 167; Hooded Merganser, **570**; Am. Merganser, 17; Red-breasted Merganser, 97; Turkey Vulture, 2; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 3; Marsh Hawk, 18; Sparrow Hawk, 13; Bob-white, 47; Ring-necked Pheasant, 1; Clapper Rail, 1; Am. Coot, 800; Killdeer, 50; Black-bellied Plover, 65; Ruddy Turnstone, 1; Greater Yellow-legs, 30; Lesser Yellow-legs, 1; Purple Sandpiper, 6; Red-backed Sandpiper, 851; peep (sp.), 8; Sanderling, 509; Great Black-backed Gull, 52; Herring Gull, 10,606; Ring-billed Gull, 201; Laughing Gull, 7; Bonaparte's Gull, 7; **Black Skimmer, 1**; Short-eared Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 15; Downy Woodpecker, 6; Horned Lark, 35; Tree Swallow, 2; Blue Jay, 33; Am. Crow, 203; Fish Crow, 11; Carolina Chickadee, 57; Tufted Titmouse, 18; Brown Creeper, 1; Carolina Wren, 7; Short-billed Marsh Wren, 1; Mockingbird, 8; Catbird, 5; Brown Thrasher, 5; Am. Robin, 62; Hermit Thrush, 2; Eastern Bluebird, 3; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 4; Common Starling, 5971; **Orange-crowned Warbler, 1**; Myrtle Warbler, 435; Palm Warbler, 1; House Sparrow, 109; Eastern Meadowlark, 35; Red-winged Blackbird, 420; Brown-headed Cowbird, 613; Cardinal, 38; Am. Goldfinch, 60; Eastern Towhee, 17; Savannah Sparrow, 22; Sharp-tailed Sparrow, 1; Slate-colored Junco, 113; Am. Tree Sparrow, 114; Field Sparrow, 22; White-throated Sparrow, 77; Fox Sparrow, 7; Swamp Sparrow, 14; Song Sparrow, 58; Snow Bunting, 8. **Total,** 110 species; about 202,721 individuals.—Sarah Aldridge, Kathryn Balme, Mrs. D. Battersby, P. Battersby (compiler), R. J. Brook, Joseph Cadbury, Joel Cadbury, David Cadbury, Dale Coman, Lawrence Corn, David Cutler, Mrs. C. Dominguez, William Forward, Skip Lazell, Elizabeth Lippincott, Eleanor Litchfield, Peter McCord, Mrs. Doris McLaughlin, Frank W. McLaughlin, Julian K. Potter, Alice Rogers, August Sexauer, Clarence Stasz, Edward S. Weyl (Audubon Wildlife Society).

Note: Count #103, Oceanville, N. J., *Audubon Field Notes* 10:98, should be credited to Audubon Wildlife Society.

115. Princeton, N. J. (within a 9¼-mile diameter centering on Graduate College; villages, estates, farms, lowland and upland deciduous woods, red cedar and pine groves, swamp, marsh, lake, ponds and streams).—Dec. 29; 6:55 a.m. to 5:10 p.m. Heavily clouded,

2 hrs. light rain, 3+ hrs. snow; temp. 38° to 31°; wind light NE to strong N; ground bare and soft, waters ice-free. Ten observers in 5 parties + 1 at a food station. Total party-hours, 40 (38 on foot, 2 by car); total party-miles, 64 (43 on foot, 21 by car). Pied-billed Grebe, 7; Canada Goose, 14; Mallard, 249; Black Duck, 26; Pintail, 1; Green-winged Teal, 1; Am. Merganser, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 8; Am. Coot, 1; Killdeer, 10; Herring Gull, 16; **Ring-billed Gull, 88**; Mourning Dove, 74; Belted Kingfisher, 4; Yellow-shafted Flicker, 24; Red-bellied Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 48; Blue Jay, 114; Am. Crow, 144; Black-capped and Carolina Chickadee, 73; Tufted Titmouse, 28; White-breasted Nuthatch, 15; Brown Creeper, 9; Winter Wren, 5; Carolina Wren, 7; Mockingbird, 4; Am. Robin, 13; Eastern Bluebird, 16; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 4; Cedar Waxwing, 2; Common Starling, 820; Myrtle Warbler, 37; House Sparrow, 334; Eastern Meadowlark, 26; Red-winged Blackbird, 221; Purple Grackle, 68; Cardinal, 70; Purple Finch, 1; Am. Goldfinch, 146; Eastern Towhee, 5; Slate-colored Junco, 134; Am. Tree Sparrow, 109; Field Sparrow, 19; White-throated Sparrow, 436; Fox Sparrow, 1; Swamp Sparrow, 4; Song Sparrow, 124. **Total,** 56 species; about 3600 individuals. (Seen in area count period: Horned Lark, Hermit Thrush.)—W. F. Alston, C. H. Atherton, E. D. Bloor, Jr., R. D. H. Dingle, Herbert Kale, R. M. Laughlin, F. W. Loetscher, Jr., J. K. Meritt, C. H. Rogers (compiler), A. L. Shinn, Harriet Watres.

116. **Ramsey, N. J.** (circle with 7½-mile radius centered on Lake Erskine, including Wanaque Reservoir, Pompton, Pines, Greenwood and Franklin Lakes, boroughs of Ramsey, Mahwah and Allendale; water 16%, deciduous woodland 22%, evergreen woodland 3%, brush 33%, plowed fields 5%, marsh 2%, large mowed areas 2%, town 17%).—Dec. 29; 4:30 a.m. to 4:30 p.m. light mist, snow flurries; temp. 28° to 36°; wind NW, variable to 30 m.p.h.; small ponds frozen, large lakes open, no snow cover. Twenty-seven observers in 9 parties. Total party-hours, 72 (57 on foot, 15 by car); total party-miles, 427 (37 on foot, 390 by car). **Common Loon, 1**; Horned Grebe, 2; Pied-billed Grebe, 27; Mute Swan, 4; Canada Goose, 54; Mallard, 118; Black Duck, 101; **Am. Widgeon, 37; Pintail, 4**; Ring-necked Duck, 8; Am. Golden-eye, 4; Buffle-head, 8; Hooded Merganser, 5; Am. Merganser, 771; Red-breasted Merganser, 9; Cooper's Hawk, 1; Red-shouldered Hawk, 1; Bald Eagle, 3; Sparrow Hawk, 1; Ruffed Grouse, 2; Am. Coot, 73; Killdeer, 1; **Great Black-backed Gull, 1**; Herring Gull, 726; Mourning Dove, 56; Screech Owl, 6; Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 4; Pileated Woodpecker, 5; Hairy Woodpecker, 30; Downy Woodpecker, 90; Blue Jay, **389**; Am. Crow, 273; Black-capped Chickadee, 196; Tufted Titmouse, 141; White-breasted Nuthatch, 84; Brown Creeper, 5; Carolina Wren, 1; Am. Robin, 6; Eastern Bluebird, 6; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 8; Cedar Waxwing, 1; Common Starling, 837; House Sparrow, 405; **Purple Grackle, 3**; Brown-headed Cowbird, 17; Cardinal, 74; **Dickcissel, 2** (present one month); Purple Finch, 9; Am. Goldfinch, 46; Eastern Towhee, **14**; Slate-colored Junco, 1173; Am. Tree Sparrow, **746**; Field Sparrow, 8; White-throated Sparrow, 238; Fox Sparrow, 1; Song Sparrow, **174. Total,** 60 species; about 7019 individuals. (In area count period: Eastern Meadowlark, Red-winged Blackbird.)—E. M. Bevilacqua (compiler), Mrs. E. M. Bevilacqua, Mrs. R. Coombs, Eleanor Dater, John Y. Dater, Mr. and Mrs. R. A. Dietert, Joan Dietert, Vail Frost III, R. D. Harsh, V. Kieffer, R. Mackenzie, E. McCaffrey, Mrs. A Miller, Mrs. J. W. Phelps, Mrs. C. E. Pulis, Mrs. Newell Sjolander, S. Thomas, R. Turner, Mr. and Mrs. H. R. Walcott, Jr., Mr. and Mrs. E. E. Wanek, Mr. and Mrs. L. J. Webster, N. Woodson, Mrs. T. Wright (Fyke Nature Association).

117. **Raritan Estuary, N. J.** (same area and habitats as in previous years).—Dec. 24; 6:40 a.m. to 4:45 p.m. Intermittent rain throughout day, with fog; temp. 38° to 42°; wind NW, 0-3 m.p.h.; meadows largely under water, streams high. Nine observers in 5 parties. Total party-hours, 34 (17 on foot, 17 by car); total party-miles, 162 (20 on foot, 142 by car). Horned Grebe, 2; Great Blue Heron, 1; Canada Goose, 22; Mallard, 49; Black Duck, 162; Am. Widgeon, 2; Pintail, 4; Wood Duck, 1; Ring-necked Duck, 1; Canvas-back, 1100; Greater Scaup, 3100; Am. Golden-eye, 28; Buffle-head, 46; Ruddy Duck, 1; Red-breasted Merganser, 2; Sharp-shinned Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 2; Killdeer, 1; Sanderling, 20; Great Black-backed Gull, 31; Herring Gull, 664; Ring-billed Gull, 64; Laughing Gull, 1; Bonaparte's Gull, 60; Mourning Dove, 11; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 8; Eastern Phoebe, 1; Horned Lark, 195 (Northern and Prairie identified); Blue Jay, 92; Am. Crow, 2587; Black-capped Chickadee, 4; Carolina Chickadee, 4; Tufted Titmouse, 23; White-breasted Nuthatch, 3; Brown Creeper, 5; Long-billed Marsh Wren, 1; Mockingbird, 3; Catbird, 3; Am. Robin, 3; Golden-crowned Kinglet, 4; Cedar Waxwing, 6; Common Starling, 6197 in daytime, 75,000 in roost; Myrtle Warbler, 40; House Sparrow, 456; Eastern Meadowlark, 3; Red-winged Blackbird, 60 in daytime, 65,000 in roost; Rusty Blackbird, 16; Purple Grackle, 231 in daytime (Purple and Bronzed identified), 12,000 in roost; Brown-headed Cowbird, 261 in daytime, 40,000 in roost; Cardinal, 24; Am. Goldfinch, 10; Eastern Towhee, 1; Savannah Sparrow, 1; Slate-colored Junco, 106; Am. Tree Sparrow, 320; Field Sparrow, 1; White-throated Sparrow, 28; Fox Sparrow, 6; Swamp Sparrow, 42; Song Sparrow, 107; Snow Bunting, 30. **Total,** 66 species (2 additional subspecies); about 201,518 individuals.—Irving H. Black, Philip Brody, Geoffrey D. Cant, Gilbert Cant (compiler), Robert C. Conn, David Fables, Charles Hetzel, Richard S. Thorsell, Charles A. Weisel (Urner Ornithological Club).

118. **Somerville, N. J.** (15-mile diameter circle center at Somerville traffic circle; evergreen woods 2%, deciduous woods 30%, suburban 20%, open farmland, including 40 miles of rivers 46%, swamp 2%).—Dec. 30; 7:30 a.m. to 4:30 p.m. Clear, no snow on ground; temp. 10° to 15°; wind W to NW, 20 m.p.h. Twenty-six observers in 7 parties. Total party-hours, 56 (28 on foot, 28 by car); total party-miles, 299 (25 on foot, 274 by car). Canada Goose, 85; Mallard, 60; Black Duck, 7; Redhead, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 16; Red-shouldered Hawk, 4; Marsh Hawk, 8; Sparrow Hawk, 19; Bob-white, 2; Ring-necked Pheasant, 3; Killdeer, 21; Mourning Dove, 65; Belted Kingfisher, 3; Yellow-shafted Flicker, 11; Red-headed Woodpecker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 27; Horned Lark, 56; Blue Jay, 148; Am. Crow, 469; Black-capped Chickadee, 28; Tufted Titmouse, 19; White-breasted Nuthatch, 7; Brown Creeper, 1; Carolina Wren, 1; Mockingbird, 2; Am. Robin, 6; **Hermit Thrush, 4**; Eastern Bluebird, 12; Golden-crowned Kinglet, 1; Common Starling, 3236; Myrtle Warbler, 66; House Sparrow, 660; Eastern Meadowlark, 51; Rusty Blackbird, 2; Purple Grackle, 5; Brown-headed Cowbird, 36; Cardinal, 26; Purple Finch, 1; Am. Goldfinch, 17; Eastern Towhee, 3; Slate-colored Junco, 424; Am. Tree Sparrow, 129; **Chipping Sparrow, 9**; Field Sparrow, 1; White-throated Sparrow, 134; Song Sparrow, 13. **Total,** 48 species; about 5905 individuals. (Seen count period: Barn Owl, **Baltimore Oriole,** Fox Sparrow.)—Mrs. Harlow Case, Glenn Coven, Mrs. Kenneth Fitts, Mrs. Harold Gillespie, Mrs. Frank Glassey, Mr. and Mrs. Gordon Glenn, Mary V. Griswold (compiler), Ben Haddock, Mr. and Mrs. Vincent Kaselis, James Moise, Dorothy Patt, Mr. and Mrs. Ted Pettit, Beth Pettit, Don Ross, Warren Savary, Mr. and Mrs. Malcolm Schandle, Helen Stevens, Mrs. Gysbert Stryker, Gerard Vriens, Mrs. Charles Wiebusch, Mr. and Mrs. M. Zimmerman (Watchung Nature Club).

119. **Sussex County, N. J.** (same area as in previous years).— Dec. 30; 7 a.m. to 5:15 p.m. Clear; temp. 9° to 15°; wind NW, 30-40 m.p.h.; large lakes open. Ten observers in 5 parties, 4 at feeders. Total party-hours, 32 (1 on foot, 31 by car); total party-miles, 326 (1 on foot, 325 by car). Pied-billed Grebe, 3; Great Blue Heron, 1; Mallard, 5; Black Duck, 45; Am. Widgeon, 4; Am. Golden-eye, 1; Ruddy Duck, 2; Hooded Merganser, 10; Am. Merganser, 584; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 1; Killdeer, 3; Herring Gull, 47; Ring-billed Gull, 17; Mourning Dove, 250; Yellow-shafted Flicker, 2; Red-headed Woodpecker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 27; Eastern Phoebe, 1; Horned Lark, 100; Blue Jay, 51; Am. Crow, 53; Black-capped Chickadee, 62; Tufted Titmouse, 8; White-breasted Nuthatch, 17; Am. Robin, 1; Eastern Bluebird, 21; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 3; Common Starling, 2457; House Sparrow, 832; Eastern Meadowlark, 10; Brown-headed Cowbird, 1; Cardinal, 20; Purple Finch, 9; Am. Goldfinch, 8; Slate-colored Junco, 375; Am. Tree Sparrow, 342; White-throated Sparrow, 5; Swamp Sparrow, 1; Song Sparrow, 15. **Total,** 44 species; about 5408 individuals. (In area count period: Red-shouldered Hawk, Sora, Red-breasted Nuthatch, Brown Creeper, Carolina Wren, Baltimore Oriole, Red-winged Blackbird.)—Mrs. R. D. Ayers, Allen Black, Ella Black (compiler), Beth Case, Elizabeth Cherepy, Louis Cherepy, Eleanor Coes, H. V. Coes, Mrs. H. Hunt, Beverly Post, Mrs. B. Post, Mrs. C. Potter, Mrs. A. Valerio, James Zamos.

120. **Allentown, Pa.** (same area and habitat percentages as last year).—Dec. 29; 8 a.m. to 4 p.m. Partly cloudy; temp. 23° to 36°; wind NW, 13-51 m.p.h. Fourteen observers in 3 parties. Total party-hours, 24 (21 on foot, 3 by car); total party-miles, 81 (17 on foot, 64 by car). Black-crowned Night Heron, 1; Canada Goose, 5; Mallard, 742; Black Duck, 14; Am. Widgeon, 236; Pintail, 12; Green-winged Teal, 2; Hooded Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 6; Ring-necked Pheasant, 98; Killdeer, 1; Herring Gull, 9; Ring-billed Gull, 1; Mourning Dove, **149**; Long-eared Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 32; Horned Lark, 160; Blue Jay, 12; Am. Crow, 127; Black-capped Chickadee, 3; Tufted Titmouse, 24; White-breasted Nuthatch, 5; Brown Creeper, 5; Winter Wren, 1; Carolina Wren, 1; Mockingbird, 1; **Catbird,** 1; Eastern Bluebird, 1; Golden-crowned Kinglet, 13; **Ruby-crowned Kinglet, 3**; Gray Shrike, 2; Common Starling, 4525; House Sparrow, 720; Eastern Meadowlark, **105**; Purple Grackle, 1; Brown-headed Cowbird, 180; Cardinal, 54; Am. Goldfinch, 22; Slate-colored Junco, 149; Am. Tree Sparrow, 70; White-throated Sparrow, 53; Song Sparrow, 33. **Total,** 49 species; about 7598 individuals.—Catharine L. Barlieb, Albert Hinkel, Hubert C. Felce, Clara Luckenbach, Tommy Luckenbach, Ralph G. Mancke, Clinton Miller, Carl E. Montgomery (compiler), Earl E. Montgomery, John E. Trainer, Walter A. Thurber, Marilyn A. Weidner, Ann Wesson, Leonard Wesson (Lehigh Valley Bird Club).

121. **Apollo, Pa.** (15-mile diameter circle centered about 7½-miles east of Apollo; deciduous woodlands 40%, open farmland 35%, brushy fields 20%, towns and suburbs 3%, ponds and streams 2%).—Dec. 27; 7:30 a.m. to 5 p.m. Intermittently overcast; temp. 28° to 36°; wind W, 17 m.p.h.; 3-6-in. snow. Two observers in 1 party. Total party-hours, 9½ (6½ on foot, 3 by car); total party-miles, 40 (12 on foot, 28 by car). Mallard, 9; Sparrow Hawk, 2; Ruffed Grouse, 1; Ring-necked Pheasant, 2; Hairy Woodpecker, 3; Downy Woodpecker, 9; Horned Lark, 6; Blue Jay, 2; Am. Crow, 1; Black-capped Chickadee, 15; Tufted Titmouse, 22; White-breasted Nuthatch, 4; Brown Creeper, 3; Winter Wren, 1; Am. Robin, 2; Golden-crowned Kinglet, 2; Cedar Waxwing, 13; Common Starling, 362; House Sparrow, 51; **Eastern Meadowlark, 8**; **Brown-headed Cowbird, 1**; Cardinal, 44; Slate-colored Junco, 137; Am. Tree Sparrow, 318; Field Sparrow, 6; Song Sparrow, 7. **Total,**

26 species; about 1031 individuals. (Seen in area count period: Bob-white, Pileated Woodpecker, Screech Owl, Am. Goldfinch.)—William W. Cole, Jr. (compiler), Paul E. Ross (Cole and Ross Avian Research Laboratory).

122. **Carlisle, Pa.** (same area as 1951; creeks, ponds and springs 40%, open farmland 25%, mixed woodland 25%, deciduous woodlots 5%, town suburbs 5%).—Dec. 29; 7:30 a.m. to 4:30 p.m. Partly cloudy and snow flurries; temp. 31° to 38°; wind WNW, 12-30 m.p.h.; ground bare, springs, streams, ponds open. Four observers in 1 party. Total party-hours, 8 (3 on foot, 5 by car); total party-miles, 91 (7 on foot, 84 by car). Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 117; Black Duck, 3; Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 26; Killdeer, 2; Mourning Dove, 10; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 10; **Eastern Phoebe,** 1; Blue Jay, 4; Am. Crow, 562; Black-capped Chickadee, 6; Tufted Titmouse, 26; Winter Wren, 1; Mockingbird, 6; Common Starling, 670; House Sparrow, 120; **Eastern Meadowlark, 5**; Purple Grackle, 1; Cardinal, 37; Am. Goldfinch, 12; Slate-colored Junco, 81; White-throated Sparrow, 10; Song Sparrow, 3. **Total,** 30 species; about 1727 individuals.—Mr. and Mrs. J. C. M. Grimm, H. G. Van Riper (compiler), Mrs. H. G. Van Riper.

123. **Chambersburg, Pa.** (circle centered about 6½ miles northwest of Chambersburg; lakes and streams 50%, fields and fencerows 35%, forests 15%).—Dec. 26; 8 a.m. to 5 p.m. Cloudy; temp. 20° to 35°; wind NW, 0-5 m.p.h.; ground bare, waters open. Three observers in 2 parties. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 66 (6 on foot, 60 by car). Ruddy Duck, 1; Am. Merganser, 6; Sparrow Hawk, 2; Herring Gull, 4; Bonaparte's Gull, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Downy Woodpecker, 5; Blue Jay, 6; Am. Crow, 575; Black-capped Chickadee, 9; Tufted Titmouse, 4; White-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 1; Mockingbird, 2; Golden-crowned Kinglet, 1; Loggerhead Shrike, 1; Common Starling, 450; House Sparrow, 250; Cardinal, 11; Am. Goldfinch, 8; Slate-colored Junco, 30; Am. Tree Sparrow, 25; Field Sparrow, 1; White-throated Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 10. **Total,** 29 species; about 1415 individuals.—Joseph A. Beatty (compiler), Davison G. Grove, Roger Troutman.

124. **Clairton, Pa.** (same area as last 5 years).—Dec. 24; 7:30 a.m. to 5:30 p.m. Cloudy, light rain p.m.; temp. 48° to 42°; wind WSW, 1-7 m.p.h.; streams and ponds open, ground bare. Two observers in 1 party. Total party-hours, 10; total party-miles, 9 (all on foot). Screech Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 6; Am. Crow, 5; Carolina Chickadee, 9; Tufted Titmouse, 8; Carolina Wren, 13; Common Starling, 48; House Sparrow, 26; Cardinal, 28; Slate-colored Junco, 12; Am. Tree Sparrow, 7; **White-crowned Sparrow, 1** (since early Dec.); Song Sparrow, 12. **Total,** 14 species; 177 individuals.—Ellis H. Shimp (compiler), Hattie P. Shimp.

125. **Deer Creek (Allegheny Co.), Pa.** [area and habitats covered?—Ed.] Dec. 29; 7:30 a.m. to 4 p.m. Light snow, some sunshine p.m.; temp. 20° to 26°; wind N to NW, 5-10 m.p.h.; 2-in. old snow, ½-in. added during day. Six observers in 3 parties. Total party-hours, 25; total party-miles, 30 (20 on foot, 10 by car). Pied-billed Grebe, 2; Mallard, 4; Black Duck, 7; **Blue-winged Teal, 2**; Greater Scaup, 1; Sparrow Hawk, 2; Yellow-shafted Flicker, 3; Hairy Woodpecker, 8; Downy Woodpecker, 3; Am. Crow, 5; Black-capped Chickadee, 2; Tufted Titmouse, 2; Carolina Wren, 3; Common Starling, 73; **Myrtle Warbler, 2**; House Sparrow, 16; Cardinal, 23; Am. Goldfinch, 1; Slate-colored Junco, 61; Am. Tree Sparrow, 22; Field Sparrow, 1; **Harris's Sparrow, 1** (carefully studied at 20 ft.—J.N., C.W.S.); White-crowned Sparrow, 1; White-throated Sparrow, 3; Song Sparrow, 18. **Total,** 25 species; 266 individuals.—William Couchman, Thomas M. Hill, Jr., Frank Krieger, John Nicholson, C. W. Schuck (compiler), Robert Sheffler.

126. **Elverson, Pa.** (same area as in previous years).—Dec. 22; 6 a.m. to 5 p.m. Heavy fog a.m., scattered showers; temp. 45° to 54°; wind E, 4-15 m.p.h.; ground bare, ponds and streams open. Fifteen observers in 5 parties. Total party-hours, 43 (27 on foot, 16 by car); total party-miles, 327 (36 on foot, 291 by car). Pied-billed Grebe, 2; Canada Goose, 23; Mallard, 132; Black Duck, 13; Pintail, 5; Am. Golden-eye, 1; Ruddy Duck, 1; Am. Merganser, 3; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 10; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 5; Ring-necked Pheasant, 31; Killdeer, 7; Mourning Dove, 34; Barn Owl, 2; Screech Owl, 2; Horned Owl, 3; **Barred Owl, 1** (first since 1942); Long-eared Owl, 2; Belted Kingfisher, 7; Yellow-shafted Flicker, 16; Pileated Woodpecker, 2; **Red-bellied Woodpecker, 2** (1 each by 2 widely separated parties); **Red-headed Woodpecker, 1**; Hairy Woodpecker, 7; Downy Woodpecker, 55; Horned Lark, 151; Blue Jay, 41; Am. Crow, 1522; Black-capped Chickadee, 40; Carolina Chickadee, 6; Tufted Titmouse, 70; White-breasted Nuthatch, 25; Winter Wren, 3; Carolina Wren, 7; Mockingbird, 5; Am. Robin, 27; Eastern Bluebird, 13; Golden-crowned Kinglet, 29; Cedar Waxwing, 4; Common Starling, 2056; **Yellow-breasted Chat, 1** (at feeder 2 months); Myrtle Warbler, 5; House Sparrow, 1367; Eastern Meadowlark, 100; Red-winged Blackbird, 32; Rusty Blackbird, 8; Purple Grackle, 21; Brown-headed Cowbird, 27; Cardinal, 72; Am. Goldfinch, 98; Slate-colored Junco, 547; Am. Tree Sparrow, 490; Field Sparrow, 10; **White-crowned Sparrow, 5** (R.E.C.); White-throated Sparrow, 204; Swamp Sparrow, 4; Song Sparrow, 121. **Total,** 62 species; about 7484 individuals. (Seen count period: Ring-necked Duck, Turkey Vulture, Wilson's Snipe.)—Robert E. Cook (compiler), Mr. and Mrs. John Frankenfield, Eugene Hol-

linger, Beryl and Phyllis Hurlock, Milton Keeler, Paul Keeler, Walter Keeler, Mr. and Mrs. Herman F. Kuch, John Shrader, Arthur Sigman, Smith Sigman, Norman Styer, Jr. (Elverson Bird Club and friends).

127. Glenolden, Pa. (7½-mile radius from Wallingford, same territory as in previous years; marsh 25%, deciduous woodland 20%, pine woods 20%, town suburbs 10%, water 10%, uncultivated fields 10%, farmland 5%).—Dec. 22; 3:30 a.m. to 8 p.m. Overcast with heavy fog, intermittent rain; temp. 40° to 40°; no wind; water open, limited visibility from noon to 3 p.m. Twelve observers in 8 parties. Total party-hours, 71 (30 on foot, 41 by car); total party-miles, 277 (41 on foot, 236 by car). Horned Grebe, 2; Pied-billed Grebe, 6; Great Blue Heron, 7; **Am. Egret, 2**; Black-crowned Night Heron, 2; Am. Bittern, 1; Canada Goose, 2; Mallard, 90; Black Duck, 206; Am. Widgeon, 38; Pintail, 203; Green-winged Teal, 34; Ring-necked Duck, 3; Greater Scaup, 5; Buffle-head, 1; Old-squaw, 1; Ruddy Duck, **20,188**; Am. Merganser, 18; Red-breasted Merganser, 2; Sharp-shinned Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 8; Sparrow Hawk, 14; Ring-necked Pheasant, 11; **Virginia Rail, 1**; Am. Coot, 20; Killdeer, 22; Wilson's Snipe, 32; Lesser Yellow-legs, 5; Great Black-backed Gull, 4; Herring Gull, 226; Ring-billed Gull, 29; Mourning Dove, 7; Barn Owl, 3; Screech Owl, 34; Horned Owl, 1; Long-eared Owl, 8; Short-eared Owl, 7; Belted Kingfisher, 5; Yellow-shafted Flicker, 9; Hairy Woodpecker, 4; Downy Woodpecker, 27; Horned Lark, 55; Blue Jay, 40; Am. Crow, 212; Fish Crow, 2; Black-capped Chickadee, 2; Carolina Chickadee, 16; Tufted Titmouse, 56; White-breasted Nuthatch, 9; Brown Creeper, 4; **House Wren, 4** (winter every year now); Winter Wren, 2; Carolina Wren, 23; Mockingbird, 6; Catbird, 5; **Brown Thrasher, 1** (J.C.M.); Am. Robin, 4; Hermit Thrush, 1; Eastern Bluebird, 14; Golden-crowned Kinglet, 33; Ruby-crowned Kinglet, 2; **Loggerhead Shrike, 1** (D.C.); Common Starling, 3985; **Yellow-breasted Chat, 1**; Myrtle Warbler, 25; House Sparrow, 426; Eastern Meadowlark, 98; Red-winged Blackbird, 720; Rusty Blackbird, 14; Purple Grackle, 1; Brown-headed Cowbird, 36; Cardinal, 97; Am. Goldfinch, 46; Eastern Towhee, 10; Savannah Sparrow, 10; Slate-colored Junco, 527; Am. Tree Sparrow, 1405; Field Sparrow, 98; White-crowned Sparrow, 4; White-throated Sparrow, **1951**; Fox Sparrow, 19; Swamp Sparrow, 251; Song Sparrow, 870; Snow Bunting, 45. **Total,** 87 species; about 32,428 individuals.—John Aull, Raymond J. Brooke, Jr., Charles W. Craig, C. D. Craig, David Cutler, John Gillespie, 3rd., Mabel Gillespie, John C. Miller, Charles E. Price, Jr., Edward H. Rigby (compiler), E. H. Rigby, 3rd., Paul W. Schwalbe (Delaware Valley Ornithological Club).

128. Goodville, Pa. (center ½ mile northwest of Goodville, including parts of Muddy, Black, Conestoga Creeks, Welsh Mountain; deciduous upland 40%, coniferous forest 5%, pasture 10%, farmland 40%, fresh-water pond 5%).—Dec. 24; 7 a.m. to 5 p.m. Cloudy, rain ending a.m.; temp. 38° to 45°; wind E, 1-5 m.p.h.; ground bare, ponds and streams open. Three observers in 2 parties. Total party-hours, 20 (7 on foot, 13 by car); total party-miles, 183 (10 on foot, 173 by car). Mallard, 30; Black Duck, 4; Am. Golden-eye, 1; Hooded Merganser, 1; **Pigeon Hawk, 1** (all field marks); Sparrow Hawk, 3; Ruffed Grouse, 1; Ring-necked Pheasant, 18; Mourning Dove, 16; **Short-eared Owl, 4**; Belted Kingfisher, 2; Hairy Woodpecker, 1; Downy Woodpecker, 10; Blue Jay, 10; Am. Crow, 57; Black-capped Chickadee, 14; Tufted Titmouse, 23; Carolina Wren, 2; Golden-crowned Kinglet, 7; Cedar Waxwing, 6; Common Starling, 247; Myrtle Warbler, 1; House Sparrow, 115; Eastern Meadowlark, 1; Cardinal, 25; Purple Finch, 2; Am. Goldfinch, 3; Eastern Towhee, 2; Slate-colored Junco, 90; Am. Tree Sparrow, 35; Field Sparrow, 16; White-throated Sparrow, 35; Song Sparrow, 21. **Total,** 33 species; about 804 individuals. (Seen in area count period: Great Blue Heron, Am. Widgeon, Red-tailed Hawk, Marsh Hawk, Killdeer, Horned Lark, Eastern Bluebird, Purple Grackle.) —Nevin Musser (compiler), Paul Reed, John Ressler.

129. Harrisburg, Pa. (same area as last year; mixed woodland 45%, open fields 15%, creeks and river 25%, ponds and marshes 10%, pine woods 5%). —Dec. 29; 7:15 a.m. to 5:30 p.m. Partly cloudy, snow flurries; temp. 30° to 35°; wind WNW, 15-18 m.p.h.; ground bare, river, creeks and ponds open. Eleven observers in 5 parties. Total party-hours, 37 (31 on foot, 6 by car); total party-miles, 135 (19 on foot, 116 by car). Black-crowned Night Heron, 1; Mallard, 130; Black Duck, 75; Pintail, 20; Ring-necked Duck, 5; Am. Golden-eye, 32; **Old-squaw, 1**; Am. Merganser, 9; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Peregrine Falcon, 1; Sparrow Hawk, 2; Bob-white, 12; Ring-necked Pheasant, 15; Killdeer, 5; Herring Gull, 28; Ring-billed Gull, 23; Mourning Dove, 3; Long-eared Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 27; Blue Jay, 9; Am. Crow, 123; Black-capped Chickadee, 2; Tufted Titmouse, 36; White-breasted Nuthatch, 6; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 5; Mockingbird, 3; Am. Robin, 6; Golden-crowned Kinglet, 3; Common Starling, 1455; Myrtle Warbler, 3; House Sparrow, 213; Purple Grackle, 42; Brown-headed Cowbird, 10; Cardinal, 48; Am. Goldfinch, 11; Slate-colored Junco, 99; Am. Tree Sparrow, 60; Chipping Sparrow, 4; Field Sparrow, 6; White-crowned Sparrow, 13; White-throated Sparrow, 37; Fox Sparrow, 2; Swamp Sparrow, 3; Song Sparrow, 66. **Total,** 50 species; about 2672 individuals. (Am. Egret in area week of count and throughout Dec.)—George Gruber, Mora Harvey. Elsie Knohr, D. L. Knohr (compiler), Earl Knohr, John Knohr, Helen Krause, Anne Kutz, Philip Myers, Gladys Peck, Jerome Reid (Harrisburg Bird Club).

130. Lancaster, Pa. (7½-mile radius centered on Millersville, including Susquehanna River from Columbia to Pequea, middle and lower Conestoga River valley, Lancaster suburbs and parks; Susquehanna River 40%, parks and suburbs 10%, conifer plantings

5%, grass and pasturelands 15%, small streams 10%, light woodlands 10%, heavy woodlands 10%).—Dec. 29; 8 a.m. to 4:30 p.m. Mostly overcast; temp. 34° to 31°; wind NW, 30 m.p.h.; water open, no snow or ice. Nine observers in 3 parties. Total party-hours, 26 (18 on foot, 8 by car); total party-miles, 105 (22 on foot, 83 by car). Horned Grebe, 1; Whistling Swan, 50; Canada Goose, 26; Am. Brant, 9; Mallard, 249; Black Duck, 1000; Am. Widgeon, 12; Lesser Scaup, 15; Am. Golden-eye, 9; Ruddy Duck, 17; Am. Merganser, 19; Cooper's Hawk, 1; Red-tailed Hawk, 1; Bald Eagle, 3; Marsh Hawk, 1; Sparrow Hawk, 5; Ring-necked Pheasant, 8; Herring Gull, 6; Ring-billed Gull, 98; Mourning Dove, 2; Belted Kingfisher, 2; Downy Woodpecker, 3; Eastern Phoebe, 1; Blue Jay, 7; Am. Crow, 367; Fish Crow, 3; Black-capped Chickadee, 5; Tufted Titmouse, 2; Winter Wren, 1; Carolina Wren, 6; Mockingbird, 5; Golden-crowned Kinglet, 17; Common Starling, 565; House Sparrow, 575; Purple Grackle, 1; Cardinal, 19; Purple Finch, 4; Am. Goldfinch, 18; Slate-colored Junco, 435; Am. Tree Sparrow, 19; Field Sparrow, 5; White-throated Sparrow, 65; Song Sparrow, 28. **Total,** 43 species; about 3685 individuals. (Seen week of count: Barn Owl, Horned Lark, White-crowned Sparrow, **Lapland Longspur,** Snow Bunting.)—K. B. Corbett (compiler), Carl Fasnacht, R. L. Hess, M. L. Lampe, J. E. McNeal, Ruth Sener, Lewis C. Spencer, H. R. Woerner, W. H. Yeager (Lancaster County Bird Club).

131. **Lewisburg, Pa.** (same area as previous year; mixed woodland 25%, mountain woodland 13%, farmland 40%, river and creek bank 15%, cattail marsh 2%, suburb 5%).—Dec. 28; 6:30 a.m. to 3:30 p.m. Cloudy turning to rain and snow; temp. 30° to 34°; wind E, 0-5 m.p.h.; ground bare, some ice on ponds and streams. Nine observers in 5 parties. Total party-hours, 31 (21 on foot, 10 by car); total party-miles, 163 (16 on foot, 147 by car). Mallard, 8; Black Duck, 13; Green-winged Teal, 4; Greater Scaup, 1; Am. Merganser, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 2; Ring-necked Pheasant, 12; Mourning Dove, 106; Barn Owl, 1; Screech Owl, 2; Horned Owl, 8; Barred Owl, 1; Short-eared Owl, 1; Pileated Woodpecker, 3; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 4; Downy Woodpecker, 22; Blue Jay, 4; Am. Crow, 1158; Fish Crow, 4; Black-capped Chickadee, 63; Tufted Titmouse, 44; White-breasted Nuthatch, 15; Brown Creeper, 6; Winter Wren, 2; Carolina Wren, 9; **Mockingbird, 1**; Am. Robin, 15; Golden-crowned Kinglet, 4; Common Starling, 812; House Sparrow, 503; Eastern Meadowlark, 1; Cardinal, 32; Pine Siskin, 30; Am. Goldfinch, 46; **Eastern Towhee, 1**; Slate-colored Junco, 107; Am. Tree Sparrow, 134; Field Sparrow, 17; White-throated Sparrow, 5; Swamp Sparrow, 4; Song Sparrow, 25. **Total,** 45 species; about 3237 individuals. (Seen count period: Great Blue Heron, Marsh Hawk.)—Robert Gift, Robert Holman, Larry McQueen, Herman Reich, Betty Reich, Carolyn Ross, Hollis Ross (compiler), Roy Tasker, John West (Bucknell Ornithological Club).

132. **Linesville, Pa.** (same area as previous years; lake shore 40%, swamp 10%, open fields 25%, towns 5%, mixed woods 20%).—Dec. 24; 7:30 a.m. to 4:30 p.m. Cloudy; temp. 40° to 48°; wind SW, 8-15 m.p.h.; ground bare and muddy, lakes and streams open. Four observers in 2 parties. Total party-hours, 15 (9 on foot, 6 by car); total party-miles, 108 (12 on foot, 96 by car). Horned Grebe, 7; Pied-billed Grebe, **23**; **Am. Bittern, 1** (J.W.); Canada Goose, 425; **Blue Goose, 1** (carefully studied by both parties); Mallard, 228; Black Duck, 6; **Shoveller, 3**; **Wood Duck, 3**; Redhead, 10; Canvas-back, 12; Am. Golden-eye, 19; Buffle-head, 25; **Old-squaw, 2**; Ruddy Duck, 16; Hooded Merganser, 9; Red-breasted Merganser, 2; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Am. Coot, **154**; Ring-billed Gull, **46**; **Bonaparte's Gull, 2** (first count record in 10 years); **Belted Kingfisher, 1** (first count record in 10 years); Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 25; Blue Jay, 11; Am. Crow, 23; Black-capped Chickadee, 69; Tufted Titmouse, 5; White-breasted Nuthatch, 6; Brown Creeper, 5; Winter Wren, 1; Golden-crowned Kinglet, 10; Cedar Waxwing, 9; Common Starling, 56; House Sparrow, 57; **Red-winged Blackbird,** 1; Cardinal, 26; Am. Goldfinch, 13; Slate-colored Junco, 17; Am. Tree Sparrow, **307**; Field Sparrow, 7; Swamp Sparrow, 4; Song Sparrow, **27**. **Total,** 48 species; about 1688 individuals. (Seen in area count period: Great Blue Heron, Rough-legged Hawk, Cooper's Hawk, Am. Robin.)—Sara E. Flaugh (compiler), Roger Harshaw, Robert Leberman, Jack Wykoff (Meadville Bird and Tree Club).

133. **Lititz, Pa.** (center of Lititz to 7 miles north, including Hammer Creek Valley, White Oak Pond; town suburb 10%, deciduous farm woodlots 30%, pasture 60%).—Dec. 30; 7 a.m. to 5:30 p.m. Clear; temp. 20° to 22°; wind NW, 30-40 m.p.h.; large ponds and creeks open. Five observers in 2 parties. Total party-hours, 18 (15 on foot, 3 by car); total party-miles, 33 (15 on foot, 18 by car). Great Blue Heron, 1; Mallard, 630; Black Duck, 12; Am. Widgeon, 16; Am. Golden-eye, 2; Turkey Vulture, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 9; Ruffed Grouse, 3; Ring-necked Pheasant, 44; Killdeer, 2; Mourning Dove, 115; Horned Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Hairy Woodpecker, 4; Downy Woodpecker, 21; Eastern Phoebe, 1; Horned Lark, 152; Blue Jay, 12; Am. Crow, 444; Black-capped Chickadee, 12; Tufted Titmouse, 17; White-breasted Nuthatch, 7; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 2; Mockingbird, 2; Am. Robin, 2; Hermit Thrush, 1; Eastern Bluebird, 4; Golden-crowned Kinglet, 28; Ruby-crowned Kinglet, 4; Cedar Waxwing, 4; Common Starling, 3000; Myrtle Warbler, 45; House Sparrow, 330; Eastern Meadowlark, 57; Brown-headed Cowbird, 22; Cardinal, 26; Am. Goldfinch, 34; Slate-colored Junco, 222; Am. Tree Sparrow, 131; White-crowned Sparrow, 165 [no details—Ed.];

White-throated Sparrow, 68; Song Sparrow, 60; Snow Bunting, 30. **Total,** 52 species; about 5771 individuals.—Charles Regennas, George Pennypacker, Barton L. Sharp (compiler), Russell Markert, Milton Steffy, Jr. (Lititz Bird Club).

134. **Lower Bucks County, Pa.** (7½-mile radius from Fairless Junction; open farmland 20%, town suburbs 5%, evergreen and deciduous woodlands 35%, brushy fields 35%, cattail and tidal marshland 5%).—Dec. 23; 7:30 a.m. to 4:30 p.m. Overcast, intermittent rain; temp. 37° to 40°; wind E, 5-15 m.p.h.; ground clear of snow, no ice on streams or lakes. Six observers in 5 parties. Total party-hours, 56 (24 on foot, 32 by car); total party-miles, 28 (16 on foot, 12 by car). Horned Grebe, 6; Pied-billed Grebe, 10; Black-crowned Night Heron, 26; Canada Goose, 33; Mallard, 92; Black Duck, 20; Am. Widgeon, 133; Pintail, 22; Redhead, 1; Ring-necked Duck, 5; Ruddy Duck, 12; Am. Merganser, 12; Red-breasted Merganser, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 22; Ring-necked Pheasant, 8; Am. Coot, 374; Killdeer, 1; Wilson's Snipe, 1; Herring Gull, 51; Ring-billed Gull, 4; Mourning Dove, 15; Belted Kingfisher, 2; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 62; Horned Lark, 12; Blue Jay, 111; Am. Crow, 1039; Carolina Chickadee, 23; Tufted Titmouse, 90; White-breasted Nuthatch, 28; Brown Creeper, 4; Carolina Wren, 1; Mockingbird, 7; Am. Robin, 24; Eastern Bluebird, 42; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 13; Water Pipit, 5; Common Starling, 2642; Myrtle Warbler, 26; House Sparrow, 310; Eastern Meadowlark, 189; Red-winged Blackbird, 1; Purple Grackle, 39; Brown-headed Cowbird, 2; Cardinal, 43; Purple Finch, 5; Am. Goldfinch, 43; Eastern Towhee, 3; Slate-colored Junco, 190; Am. Tree Sparrow, 34; Field Sparrow, 7; White-throated Sparrow, 189; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 46. **Total,** 63 species; about 6113 individuals.—K. Bergstrom, A. Brady, A. Herzog, Louis J. McConnell (compiler), M. Michener, D. Miller, L. Thomas (Neshaminy Valley Nature Club).

135. **New Bloomfield, Pa.** (same area and habitat percentages as in previous years).—Dec. 30; 5:30 a.m. to 5 p.m. Clear; temp. 12° to 25°; wind NW, 15-30 m.p.h.; ground not frozen, creeks and ponds open. Seven observers in 3 parties. Total party-hours, 24 (15 on foot, 9 by car); total party-miles, 200 (20 on foot, 180 by car). Mallard, 3; Black Duck, 2; Canvas-back, 1; Ruddy Duck, 1; Am. Merganser, 3; Sharp-shinned Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 5; Bob-white, 18; Ring-necked Pheasant, 12; Killdeer, 20; Wilson's Snipe, 1; Herring Gull, 2; Mourning Dove 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 22; **Eastern Phoebe, 1**; Horned Lark, 51; Blue Jay, 26; Am. Crow, 383; Black-capped Chickadee, 6; Tufted Titmouse, 66; White-breasted Nuthatch, 3; Winter Wren, 5; Carolina Wren, 13; Mockingbird, 2; Am. Robin, 3; Eastern Bluebird, 10; Golden-crowned Kinglet, 18; Gray Shrike, 1; Common Starling, 1147; House Sparrow, 723; Purple Grackle, 18; Cardinal, 134; Purple Finch, 1; Am. Goldfinch, 67; Slate-colored Junco, 227; Am. Tree Sparrow, 39; Field Sparrow, 13; White-crowned Sparrow, 1; White-throated Sparrow, 41; Song Sparrow, 10. **Total,** 46 species; about 3113 individuals.—Frank Fry, Leroy Myers, John Soule, O. K. Stephenson (compiler), Frank Tressler, Mrs. Gwen Wueller, Paul Wueller.

136. **Pennypack Valley, Philadelphia, Pa.** (Pennypack Valley from Delaware River to 15 miles up creek).—Dec. 29; 7 a.m. to 3:30 p.m. Rain and snow; temp. 34° to 28°; wind N to NE, 10 m.p.h. Ten observers in 3 parties. Total party-hours, 24 (20 on foot, 4 by car); total party-miles, 15 (9 on foot, 6 by car). Mallard, 38; Sparrow Hawk, 1; Ring-necked Pheasant, 9; Herring Gull, 53; Ring-billed Gull, 3; Mourning Dove, 20; Hairy Woodpecker, 2; Downy Woodpecker, 15; Horned Lark, 40; Blue Jay, 14; Am. Crow, 93; Black-capped Chickadee, 5; Carolina Chickadee, 1; Tufted Titmouse, 21; White-breasted Nuthatch, 5; Brown Creeper, 3; Winter Wren, 2; Carolina Wren, 2; Mockingbird, 2; Eastern Bluebird, 18; Ruby-crowned Kinglet, 1; Cedar Waxwing, 10; Common Starling, 315; Myrtle Warbler, 15; House Sparrow, 60; Cardinal, 21; Purple Finch, 1; Eastern Towhee, 2; Slate-colored Junco, 94; Am. Tree Sparrow, 12; Field Sparrow, 15; White-crowned Sparrow, 1; White-throated Sparrow, 53; Song Sparrow, 14. **Total,** 34 species; about 961 individuals.—Helen Bates, Helen Brower, Mrs. A. Gilmore, Alfred F. Leedom (compiler), Elsie McCay, Frank McLanigan, William Nixon, Eleanor Phillips, George Sivel, Paul Weirick (Pennypack Valley Bird Club).

137. **Pittsburgh, Pa.** (Frick Park, Ingomar, Mt. Lebanon, North Park, Rosslyn Farms, Highland Park; marshland 2%, brush 31%, fields 13%, deciduous woodland 43%, coniferous woodland 4%, water 7%).—Dec. 30; 8 a.m. to 5:45 p.m. Fair; temp. 10° to 27°; wind WSW, 14 m.p.h.; ground frozen, 2-4-in. snow-cover. Twelve observers in 6 parties. Total party-hours, 37 (30 on foot, 7 by car); total party-miles, 80 (35 on foot, 45 by car). Mallard, 200; **Green-winged Teal,** 1; Am. Golden-eye, 25; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 2; Killdeer, 11; Belted Kingfisher, 1; **Yellow-bellied Sapsucker,** 1; Hairy Woodpecker, 6; Downy Woodpecker, 29; Horned Lark, 7; Blue Jay, 3; Am. Crow, 16; Black-capped Chickadee, 85; Carolina Chickadee, 1; Tufted Titmouse, 73; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 1; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 4; Am. Robin, 5; Golden-crowned Kinglet, 7; Common Starling, 325; House Sparrow, 341; **Brown-headed Cowbird, 12**: Cardinal, 109; Am. Goldfinch, 12; Eastern Towhee, 1; Slate-colored Junco, 234; Am. Tree Sparrow, 45; Field Sparrow, 2; White-throated Sparrow, **25**; Song Sparrow, 39. **Total,** 37 species;

about 1663 individuals. (Seen in area count period: Sparrow Hawk, Screech Owl, Long-eared Owl.)—Forrest Alter, J. S. Brown, Gerald Felmlee, Joseph Grom, Richard Miller, Richard Miller, Jr., Mrs. Graham Netting, Anthony Netting, Daniel Pfoutz, Bessie Scheidel, Carl Schlag, Bernard Van Cleve (compiler) (Audubon Society of Western Pennsylvania).

138. **Presque Isle State Park, Pa.** (park of 3200 acres with 8 miles of sandy beach; ponds and swamps 40%, deciduous woods 30%, dunes 25%, fields 5%).—Dec. 29; 7:30 a.m. to 4:30 p.m. Overcast, ½-in. snowfall; temp. 22° to 28°; wind N to NNW, 22-25 m.p.h.; lake and bay free of ice, thin ice on ponds. Twenty observers in 4 parties. Total party-hours, 28 (22 on foot, 6 by car); total party-miles, 80 (40 on foot, 40 by car). Common Loon, 2; Red-throated Loon, 1; Horned Grebe, 20; Pied-billed Grebe, 6; Great Blue Heron, 2; Whistling Swan, 53; Mallard, 362; Black Duck, 808; Gadwall, 1; Am. Widgeon, 7; Pintail, 3; Redhead, 13; Canvas-back, 2085; Lesser Scaup, 797; Am. Golden-eye, 457; Buffle-head, 246; Hooded Merganser, 5; Am. Merganser, 6; Red-breasted Merganser, 2; Cooper's Hawk, 1; Bald Eagle, 1; Turkey, 4; Am. Coot, 729; Killdeer, 8; Wilson's Snipe, 1; **Great Black-backed Gull, 28**; Herring Gull, 3500; Ring-billed Gull, 464; Bonaparte's Gull, 431; Horned Owl, 1; Yellow-shafted Flicker, 5; Pileated Woodpecker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 18; Blue Jay, 1; Am. Crow, 11; Black-capped Chickadee, 27; Tufted Titmouse, 21; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 2; Brown Creeper, 9; Winter Wren, 3; Carolina Wren, 2; Am. Robin, 1; Golden-crowned Kinglet, 87; Common Starling, 18; Myrtle Warbler, 45; House Sparrow, 25; Cardinal, 7; Slate-colored Junco, 40; Am. Tree Sparrow, 56; Song Sparrow, 8. **Total,** 52 species; about 10,447 individuals. (Seen in area count period: Gray Shrike, Snow Bunting.)—Ruth Bemis, Howard Blakeslee, Dave Briggs, Sara Flaugh, Don and Mary Foulke, Marguerite Geibel, Mr. and Mrs. Neil Kress, Robert Leberman, John Peplinski (compiler), John Perry, Gilbert Randell, Paul and Lois Savage, James and Jean Stull, Charles Trost, Mr. and Mrs. Howard Walding.

139. **Reading, Pa.** (15-mile diameter circle with center 2 miles northeast of city; deciduous woodland 40%, open farmland 30%, lakes and ponds 10%, streams and riverbottoms 10%, young pine plantation 10%).—Dec. 23; 7 a.m. to 4:30 p.m. Fog and drizzle; temp. 50° to 55°; wind E to NE, 5-10 m.p.h. Sixteen observers in 4 parties. Total party-hours, 42 (35 on foot, 7 by car); total party-miles, 125 (40 on foot, 85 by car). Horned Grebe, 2; Pied-billed Grebe, 2; Great Blue Heron, 5; Mallard, 1657; Black Duck, 4028; Gadwall, 32; Am. Widgeon, 400; Pintail, 86; Green-winged Teal, 3; Shoveller, 3; Canvas-back, 2; Am. Merganser, 303; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 2; Sparrow Hawk, 7; Bob-white, 1; Ring-necked Pheasant, 39; Am. Coot, 16; Herring Gull, 20; Mourning Dove, 14; Belted Kingfisher, 9; Yellow-shafted Flicker, 12; Pileated Woodpecker, 1; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 69; Eastern Phoebe, 2; Blue Jay, 24; Am. Crow, 1195; Fish Crow, 13; Black-capped Chickadee, 66; Tufted Titmouse, 63; White-breasted Nuthatch, 8; Brown Creeper, 4; Winter Wren, 3; Carolina Wren, 8; Mockingbird, 1; Am. Robin, 4; Eastern Bluebird, 9; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 7; Cedar Waxwing, 37; Common Starling, 1658; Myrtle Warbler, 48; House Sparrow, 982; Eastern Meadowlark, 1; Red-winged Blackbird, 21; Purple Grackle, 1; Brown-headed Cowbird, 220; Cardinal, 85; Am. Goldfinch, 139; Slate-colored Junco, 173; Am. Tree Sparrow, 238; Field Sparrow, 5; White-throated Sparrow, 180; Swamp Sparrow, 5; Song Sparrow, 67. **Total,** 59 species; about 12,014 individuals. (Seen in area count period: Peregrine Falcon, Baltimore Oriole.)—Dean Boyer, Donald A. Burger (compiler), Robert Cook, James Epler, Samuel C. Gundy, Edward Hill, Warren Kalbach, Paul Martin, Byron Nunemacher, Earl L. Poole, Charles A. Schaich, Sara Schrearer, Arthur Sigman, Elizabeth Smith, Matthew Spence, Norman Styer, Ira Weigley (Baird Ornithological Club).

140. **Southeastern Bradford Co., Pa.** (same area and habitats as last year).—Jan. 1; 4:30 a.m. to 4:15 p.m. Snow a.m., clear p.m.; temp. 1° to 31°; wind NW, 5-25 m.p.h.; ground with 2-4-in. snow, ponds frozen, creeks and Susquehanna River partly frozen. One observer. Total hours, 11 (7 on foot, 4 by car); total miles, 71 (11 on foot, 60 by car). Mallard, 6; Black Duck, 106; **Am. Widgeon,** 1 ; Am. Golden-eye, 2; Hooded Merganser, 1; Am. Merganser, 88; Cooper's Hawk, 1; Red-tailed Hawk, 1; **Bald Eagle,** 1; **Marsh Hawk,** 1; Ring-necked Pheasant, 1; Herring Gull, 6; Screech Owl, 4; Horned Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 12; Blue Jay, 1; Am. Crow, 50; Black-capped Chickadee, 30; Tufted Titmouse, 15; White-breasted Nuthatch, 10; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 4; Golden-crowned Kinglet, 3; Common Starling, 30; House Sparrow, 3; Cardinal, 21; Am. Goldfinch, 11; Slate-colored Junco, 40; Am. Tree Sparrow, 30; **White-throated Sparrow,** 3; Song Sparrow, 4. **Total,** 35 species; about 500 individuals. (Seen in area count period: Common Redpoll.)—William Reid.

141. **Stahlstown, Pa.** (same area as 1954-55; open farmland 15%, pine groves 10%, deciduous forest 75%).—Dec. 30; 6 a.m. to 5:30 p.m. Cloudy, 4-in. snow; temp. 14° to 31°; wind WNW, 5-10 m.p.h. Two observers in 1 party. Total party-hours, 10 (6 on foot, 4 by car); total party-miles, 20 (9 on foot, 11 by car). Ruffed Grouse, 6; Ring-necked Pheasant, 5; Turkey, 3; Screech Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Blue Jay, 1; Am. Crow, 28; Black-capped Chickadee, 11; Tufted Titmouse, 4; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 1; Brown Creeper, 1; Am. Robin, 1; Golden-crowned Kinglet, 1; Eastern Meadowlark, 1; Cardinal, 3; Slate-colored Junco, 13; Field Sparrow, 1; Song

Sparrow, 4. **Total,** 20 species; 95 individuals.—Mary L. Burke, John R. Lehman (compiler).

142. State College, Pa. (town and campus to Pennsylvania Furnace, Scotia, Spring Creek, Linden Hall, Shingletown, Pine Grove Gaps; town and environs 28%, farmlands with fencerows 36%, ponds, streams, and swamps 14%, thickets and low woods 8%, forest 14%).—Dec. 29; 8 a.m. to 5 p.m. Cloudy, snow flurries; temp. 25° to 32°; wind N, up to 18 m.p.h.; light, fresh snow on ground, deeper ponds and streams open. Fourteen observers in 6 parties. Total party-hours, 36 (27 on foot, 9 by car); total party-miles, 193 (22 on foot, 171 by car). Mallard, 150; Cooper's Hawk, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 4; Marsh Hawk, 9; Sparrow Hawk, 3; Turkey, 1; Killdeer, 12; Wilson's Snipe, 12; Mourning Dove, 2; Barn Owl, 1; Belted Kingfisher, 2; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 10; Horned Lark, 88; Blue Jay, 4; Am. Crow, 190; Black-capped Chickadee, 32; Tufted Titmouse, 35; White-breasted Nuthatch, 14; Brown Creeper, 3; Winter Wren, 3; Am. Robin, 7; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 3; Cedar Waxwing, 16; Common Starling, 375; House Sparrow, 337; Eastern Meadowlark, 1; Rusty Blackbird, 8; Purple Grackle, 3; Cardinal, 24; Am. Goldfinch, 25; Slate-colored Junco, 137; Am. Tree Sparrow, 135; White-throated Sparrow, 1; Song Sparrow, 3. **Total,** 39 species; about 1667 individuals. (Mockingbird seen count period.)—Dorothy Bordner, Mr. and Mrs. Earl R. Bordner, William S. Clarke, Jr. (compiler), Robert Compton, Mrs. A. W. Cowell, Mrs. Alice L. Fuller, Joseph Hummer, Mrs. E. T. McDonald, Mrs. Vernon Myers, Mrs. J. J. Reid, Mrs. C. J. Rowland, Selden Spencer, Merrill Wood (State College Bird Club).

143. Warren, Pa. (area same as in past 5 years).—Dec. 22; 7:30 a.m. to 4:30 p.m. Light rain a.m., overcast p.m.; temp. 44° to 42°; wind NE, 5-6 m.p.h.; no snow on ground, streams open. Two observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 43 (8 on foot, 35 by car). Ruffed Grouse, 1; Screech Owl, 2; Belted Kingfisher, 2; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 3; Black-capped Chickadee, 53; Tufted Titmouse, 9; White-breasted Nuthatch, 6; Brown Creeper, 2; Golden-crowned Kinglet, 12; Common Starling, 19; House Sparrow, 33; Cardinal, 6; Slate-colored Junco, 28; Am. Tree Sparrow, 45; Field Sparrow, 4; Song Sparrow, 4. **Total,** 18 species; 235 individuals.—Curtis Johnson, Harris E. Johnson (compiler).

144. Waynesboro, Pa. (circle centered about ¼ mile south of Mont Alto; upland forests 45%, lakes and streams 25%, fields and fencerows 30%).—Dec. 25; 8 a.m. to 5 p.m. Overcast; temp. 30° to 45°; wind NW, 2-15 m.p.h.; ground bare, waters open. Four observers in 2 parties. Total party-hours, 13 (8 on foot, 5 by car); total party-miles, 93 (8 on foot, 85 by car). Mallard, 5; Am. Merganser, 4; Turkey Vulture, 15; Red-tailed Hawk, 2; Sparrow Hawk, 5; Ruffed Grouse, 1; Killdeer, 25; Wilson's Snipe, 6; Belted Kingfisher, 1; Downy Woodpecker, 4; Blue Jay, 12; Am. Crow, 1000; Black-capped Chickadee, 4; Tufted Titmouse, 6; White-breasted Nuthatch, 1; Carolina Wren, 1; Mockingbird, 1; Loggerhead Shrike, 1; Common Starling, 950; House Sparrow, 400; Cardinal, 6; Am. Goldfinch, 15; Slate-colored Junco, 65; Am. Tree Sparrow, 23; White-crowned Sparrow, 5; Song Sparrow, 8. **Total,** 26 species; about 2566 individuals.—Joseph A. Beatty, Herman D. Beatty, Davison G. Grove (compiler), Roger Troutman.

145. Wellsboro, Pa. (7½-mile radius centering in Wellsboro, covering Ansonia, Catlin Hollow, Ely Hill, Hill's Creek, Marsh Creek, Thumptown, suburban Wellsboro; mixed woodland 25%, cultivated land 40%, waste and idle land 15%, stream bank 10%, misc. 10%).—Jan. 1; 7 a.m. to 5 p.m. Mostly clear; temp. 10° to 13°; wind W, 5-20 m.p.h.; up to 6-in. ground snow, open water in creeks. Seventeen observers in 8 parties. Total party-hours, 14 (2 on foot, 12 by car); total party-miles, 138 (5 on foot, 133 by car). Cooper's Hawk, 1; Rough-legged Hawk, 1; **Pigeon Hawk,** 1; Ring-necked Pheasant, 12; Belted Kingfisher, 1; Hairy Woodpecker, 10; Downy Woodpecker, 14; Blue Jay, 35; Am. Crow, 34; Black-capped Chickadee, 45; White-breasted Nuthatch, 18; Winter Wren, 2; Golden-crowned Kinglet, 4; Common Starling, 619; House Sparrow, 630; Cardinal, 4; Slate-colored Junco, 134; Am. Tree Sparrow, 456. **Total,** 18 species; about 2021 individuals.—Mrs. Clyde Bailey, Dr. and Mrs. T. R. Bailey, Mildred Bartholomew, Betty Blair, Leola DeRemer, Mrs. Harry Farber, William Forsythe, Catherine Harrison, Mrs. Cathryn Linn, Mrs. Ellis MacDonald, Mrs. Elbert Mosher, Mrs. Hazel Ridge, Robert Scudder, William Scudder (compiler), Judge and Mrs. Charles G. Webb (Tiadaghton Audubon Society).

146. Wyncote, Pa. (about same area as before, all within Montgomery Co., somewhat reduced coverage due to bad weather).—Dec. 23; 7 a.m. to 4:30 p.m. Rain after 10 a.m.; temp. 37° to 38°; wind E, 8-12 m.p.h.; ground bare. Nine observers in 7 parties. Total party-hours, 43 (27 on foot, 16 by car); total party-miles, 66 (27 on foot, 39 by car). Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 13; Herring Gull, 2; Mourning Dove, 70; Screech Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Hairy Woodpecker, 5; Downy Woodpecker, 21; Blue Jay, 40; Am. Crow, 634; Black-capped Chickadee, 1; Tufted Titmouse, 35; White-breasted Nuthatch, 16; Brown Creeper, 1; Winter Wren, 1; Mockingbird, 3; Catbird, 2; Am. Robin, 3; Eastern Bluebird, 20; Common Starling, 344; Myrtle Warbler, 1; Palm Warbler, 4; House Sparrow, 130; **Baltimore Oriole, 1** (regular at feeder—T.R.); Purple Grackle, 200; Cardinal, 59; Purple Finch, 1; Am. Goldfinch, 26; Eastern Towhee, 25; Slate-colored Junco, 446; Am. Tree Sparrow, 8; Field Sparrow, 2; White-throated Sparrow, 379; Fox

Sparrow, 2; Song Sparrow 33. **Total,** 45 species; about 2545 individuals. (Fifteen species in our new sanctuary.)—Mrs. W. Custer, J. Dornan, Mrs. F. C. Griscom, J. A. Lindemann, F. Mears, E. H. Parry, T. Rights, R. Welsh, R. Yerkes (Wyncote Bird Club).

147. **York, Pa.** (center 1 mile east and ½ mile south of Stony Brook, includes west shore of Susquehanna River for 7 miles).—Dec. 29; 7 a.m. to 5 p.m. Clear; temp. 30° to 39°; wind N, 25 m.p.h.; ground bare. Fourteen observers in 7 parties. Total party-hours, 56 (40 on foot, 16 by car); total party-miles, 176 (26 on foot, 150 by car). Mallard, 881; Black Duck, 496; Am. Widgeon, 204; Pintail, 23; Canvas-back, 35; Lesser Scaup, 4; Am. Golden-eye, 26; Buffle-head, 4; Am. Merganser, 16; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 14; Ring-necked Pheasant, 29; Herring Gull, 34; Ring-billed Gull, 74; Mourning Dove, 64; Screech Owl, 2; Belted Kingfisher, 3; Red-shafted Flicker, 18; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 63; Blue Jay, 60; Am. Crow, 1081; Fish Crow, 9; Black-capped Chickadee, 30; Carolina Chickadee, 10; Tufted Titmouse, 33; White-breasted Nuthatch, 6; Brown Creeper, 7; Winter Wren, 3; Carolina Wren, 10; Mockingbird, 10; Am. Robin, 1; Eastern Bluebird, 8; Golden-crowned Kinglet, 13; Cedar Waxwing, 8; Common Starling, 2568; Myrtle Warbler, 35; House Sparrow, 260; Eastern Meadowlark, 21; Purple Grackle, 1; Cardinal, 83; Am. Goldfinch, 22; Eastern Towhee, 3; Slate-colored Junco, 238; Am. Tree Sparrow, 6; Field Sparrow, 151; White-throated Sparrow, 220; Song Sparrow, 25. **Total,** 52 species; about 6923 individuals.—York County Bird Club, James H. Stein, Jr. (compiler).

148. **Bombay Hook National Wildlife Refuge, Del.** (7½-mile radius covering Delaware River north to Woodland Beach, south to North Kitts Hummock, west to Dover and Lebanon; emphasis on river-front coverage; refuge has undergone habitat change with virtual elimination of second growth, brush and hedgerows; countered by substantial increase in water areas which has flooded most timber areas, thus decreasing songbirds and gamebirds while increasing waterbirds).—Dec. 23; 4 a.m. to 5 p.m. Driving rain, poor visibility all day; temp. 40° to 42°; wind E to NE, 15 m.p.h.; waters open and roads rain-logged due to almost 2 weeks' continual rain. Twenty observers in 8 parties. Total party-hours, 64 (30 on foot, 34 by car); total party-miles, 380 (60 on foot, 320 by car). Red-throated Loon, 1; Horned Grebe, 3; Pied-billed Grebe, 17; Double-crested Cormorant, 1; Great Blue Heron, 21; Am. Egret, 4; **Green Heron, 1**; Black-crowned Night Heron, 1; Am. Bittern, 1; Whistling Swan, 4; Canada Goose, 10,409; Am. Brant, 4; **White-fronted Goose, 1** (present since Thanksgiving —D.C.); Snow Goose, 1; Blue Goose, 2; Mallard, 22,262; Black Duck, 12,730; Gadwall, 27; Am. Widgeon, 1351; Pintail, 16,174; Green-winged Teal, 613; Blue-winged Teal, 2; Shoveller, 156; Wood Duck, 2; Redhead, 5; Ring-necked Duck, 2; Canvas-back, 238; Greater Scaup, 297; Lesser Scaup, 82; Am. Golden-eye, 2; Buffle-head, 5; Old-squaw, 2; White-winged Scoter, 4; Surf Scoter, 1; Am. Scoter, 2; Ruddy Duck, 17; Hooded Merganser, 16; Am. Merganser, 50; Red-breasted Merganser, 9; Turkey Vulture, 39; Black Vulture, 5; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 11; Red-shouldered Hawk, 4; Rough-legged Hawk, 5; Bald Eagle, 1; Marsh Hawk, 26; Peregrine Falcon, 1; Sparrow Hawk, 26; Bob-white, 1; Ring-necked Pheasant, 1; King Rail, 1; Clapper Rail, 11; Am. Coot, 350; Killdeer, 98; Wilson's Snipe, 13; Greater Yellow-legs, 1; Red-backed Sandpiper, 3; Semipalmated Sandpiper, 1; Great Black-backed Gull, 10; Herring Gull, 838; Ring-billed Gull, 3725; **Laughing Gull, 6**; Bonaparte's Gull, 9; Mourning Dove, 69; Barn Owl, 7; Screech Owl, 1; Horned Owl, 5; Barred Owl, 2; Short-eared Owl, 1; Saw-whet Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 32; Red-bellied Woodpecker, 15; Hairy Woodpecker, 8; Downy Woodpecker, 21; Eastern Phoebe, 1; Horned Lark, 75; Blue Jay, 38; Am. Crow, 2515; Fish Crow, 6; Black-capped Chickadee, 13; Carolina Chickadee, 106; Tufted Titmouse, 49; White-breasted Nuthatch, 1; Brown Creeper, 3; **House Wren, 1**; Winter Wren, 9; Carolina Wren, 39; Long-billed Marsh Wren, 1; Mockingbird, 39; Catbird, 6; Brown Thrasher, 1; Am. Robin, 600; Hermit Thrush, 1; Eastern Bluebird, 7; Golden-crowned Kinglet, 18; Ruby-crowned Kinglet, 2; Water Pipit, 16; Loggerhead Shrike, 1; Common Starling, 2525; **Yellow-breasted Chat, 2**; Myrtle Warbler, 419; Common Yellowthroat, 3; House Sparrow, 514; Eastern Meadowlark, 331; Red-winged Blackbird, 11,800; Rusty Blackbird, 4; **Brewer's Blackbird, 10**; **Boat-tailed Grackle, 1**; Purple Grackle, 528; Brown-headed Cowbird, 1337; Cardinal, 130; Am. Goldfinch, 161; Eastern Towhee, 13; Savannah Sparrow, 12; Sharp-tailed Sparrow, 4; Seaside Sparrow, 5; Vesper Sparrow, 1; Slate-colored Junco, 175; Am. Tree Sparrow, 107; Field Sparrow, 25; White-crowned Sparrow, 1; White-throated Sparrow, 845; Fox Sparrow, 3; Swamp Sparrow, 129; Song Sparrow, 180. **Total,** 128 species; about 92,689 individuals. [Excellent details for all unusual observations—Ed.]—H. Armstadt, H. Bodley, R. J. Brooks, E. Cutler, H. Cutler, D. Cutler (compiler), N. Fitelson, Q. Kramer, H. Mathews, J. Miller, S. Mulligan, W. O. O'Connell, C. Price, E. Reimann, W. Reynolds, J. Rigby, L. Shechtman, S. Smith, R. Smith, M. Weiss.

149. **Middletown, Del.** (same approximate area as 1951).—Dec. 27; 7 a.m. to 5 p.m. Overcast, snowing 2 hours a.m.; temp. 33° to 39°; wind S to SW, 4-10 m.p.h.; ground bare, ponds and tidewater open. Seven observers in 3 parties. Total party-hours, 27 (23 on foot, 4 by car); total party-miles, 124 (14 on foot, 110 by car). Common Loon, 2; Great Blue Heron, 9; Whistling Swan, 5; Canada Goose, 405; Mallard, 89; Black Duck, 318; Pintail, 4; Green-winged Teal, 3; Shoveller, 2; Wood Duck, 4; Redhead, 2; Canvas-back, 35; Greater Scaup, 1; Am. Golden-eye, 2; Ruddy Duck, 7; Am. Merganser, 9; Turkey Vulture, 20; Sharp-shinned Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 12;

Sparrow Hawk, 8; Bob-white, 20; Ring-necked Pheasant, 1; Am. Coot, 38; Killdeer, 8; Great Black-backed Gull, 2; Herring Gull, 35; Ring-billed Gull, 17; Mourning Dove, 7; Belted Kingfisher, 3; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 8; Hairy Woodpecker, 1; Downy Woodpecker, 7; Eastern Phoebe, 1; Horned Lark, 12; Blue Jay, 6; Am. Crow, 40; Carolina Chickadee, 13; Tufted Titmouse, 2; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 5; Mockingbird, 8; Am. Robin, 2; Golden-crowned Kinglet, 8; Water Pipit, 12; **Common Starling, 10,000**; Myrtle Warbler, 2; House Sparrow, 28; Eastern Meadowlark, 15; **Red-winged Blackbird, 150,000**; **Purple Grackle, 800,000**; **Brown-headed Cowbird, 40,000**; Cardinal, 26; Purple Finch, 2; Am. Goldfinch, 5; Eastern Towhee, 2; Savannah Sparrow, 4; Slate-colored Junco, 26; Am. Tree Sparrow, 32; **White-crowned Sparrow, 1** (R.H.); White-throated Sparrow, 58; Swamp Sparrow, 3; Song Sparrow, 60. **Total,** 68 species; about 1,001,472 individuals. (Blackbirds and starlings observed flying northeast along Delaware River and across river to roost in New Jersey; flocks so large they could be observed 7 miles away. We estimated at least a million birds in about these proportions: Purple Grackle 80%, Red-winged Blackbird 15%, Brown-headed Cowbird 4%, Common Starling 1%.)—Elizabeth Brady, Ethel Brady, Richard Herbert, Stuyvesant Pell, Walden Pell 2nd (compiler), Margaret Smithers, Davis Washburn.

150. Rehoboth, Del. (7½-mile radius centering in Indian River Bay, including Silver Lake on north, Assawoman Wildlife Area on south, and 3 miles west of Oak Orchard; tidal bays and estuaries 10%, deciduous woods 5%, fields 20%, coniferous woods 15%, inlet and ocean shore 10%, lakes and ponds 5%, fresh-water marsh 5%, salt-water marsh 10%, ocean 10%, hedgerows 10%).—Jan. 1; 4:30 a.m. to 5 p.m. Clear; temp. 24° to 28°; wind NW, 10-30 m.p.h.; ground bare, fresh water 80% frozen. Four observers in 3 parties. Total party-hours, 41 (25 on foot, 16 by car); total party-miles, 185 (16 on foot, 169 by car). Common Loon, 4; Red-throated Loon, 60; **Red-necked Grebe, 1**; Horned Grebe, 150; Pied-billed Grebe, 6; **Gannet, 250**; Great Blue Heron, 4; Canada Goose, 1200; Am. Brant, 3000; Snow Goose, 1; Mallard, 20; Black Duck, 100; Gadwall, 1; Am. Widgeon, 400; Pintail, 5; Green-winged Teal, 45; Shoveller, 15; Redhead, 6; Canvasback, 3000; Greater Scaup, 4; Lesser Scaup, 7; Am. Golden-eye, 20; Buffle-head, 120; Old-squaw, 92; White-winged Scoter, 120; Surf Scoter, 63; Am. Scoter, 1; Ruddy Duck, 205; Hooded Merganser, 3; Red-breasted Merganser, 20; Turkey Vulture, 80; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 8; Red-shouldered Hawk, 4; Rough-legged Hawk, 1; Marsh Hawk, 10; **Pigeon Hawk, 1**; Sparrow Hawk, 7; Clapper Rail, 1; Am. Coot, 250; Killdeer, 56; Black-bellied Plover, 4; Purple Sandpiper, 31; Red-backed Sandpiper, 12; Sanderling, 300; Great Black-backed Gull, 20; Herring Gull, 1500; Ring-billed Gull, 4500; Bonaparte's Gull, 1200; Mourning Dove, 4; Screech Owl, 1; Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 6; Yellow-shafted Flicker, 12; Red-bellied Woodpecker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 10; Eastern Phoebe, 1; Horned Lark, 2; **Tree Swallow, 71**; Blue Jay, 2; Am. Crow, 500; Carolina Chickadee, 54; Tufted Titmouse, 12; **Brown-headed Nuthatch, 1**; Brown Creeper, 5; Winter Wren, 2; Carolina Wren, 31; **Short-billed Marsh Wren, 1**; Mockingbird, 9; Brown Thrasher, 2; Am. Robin, 35; Hermit Thrush, 1; Eastern Bluebird, 28; Golden-crowned Kinglet, 30; Water Pipit, 1; Cedar Waxwing, 1; Common Starling, 150; Myrtle Warbler, 320; **Pine Warbler, 1**; **Palm Warbler, 3**; House Sparrow, 210; Eastern Meadowlark, 125; Red-winged Blackbird, 125; Rusty Blackbird, 20; Purple Grackle, 1020; Brown-headed Cowbird, 180; Cardinal, 110; Am. Goldfinch, 40; Eastern Towhee, 50; Savannah Sparrow, 2; Vesper Sparrow, 1; Slate-colored Junco, 155; Am. Tree Sparrow, 4; Field Sparrow, 105; White-throated Sparrow, 650; Fox Sparrow, 8; Swamp Sparrow, 3; Song Sparrow, 65. **Total,** 101 species; about 21,089 individuals. (Seen census week: Wood Duck, Black Vulture, **Black-headed Gull,** Laughing Gull.)—Henry Matthews (compiler), Fred Mears, Paul Schwalbe, Robert Yerkes.

151. Accokeek, Md. (east side of Potomac River from Bryan's Point east along south side of Piscataway Creek to Indian Head Highway; about 3 sq. miles of river and bay front, cultivated river flat, wooded creek-bottom, wooded swamp, cattail marsh, border of adjacent wooded upland).—Dec. 30; 7:30 a.m. to 4:30 p.m. Clear, a few fleeting clouds; temp. 24° to 35°; wind NW, 25-40 m.p.h.; ground bare, water ice-free except on beaches, marshes with thin ice crust. Four observers in 4 parties. Total party-hours, 30; total party-miles, 25 (all on foot). Common Loon, 2; Great Blue Heron, 1; Mallard, 1; Black Duck, 20; Buffle-head, 5; Am. Merganser, 25; Turkey Vulture, 13; Black Vulture, 25; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 3; Bald Eagle, 5; Sparrow Hawk, 4; Killdeer, 14; Herring Gull, 10; Ring-billed Gull, 40; Mourning Dove, 60; Yellow-shafted Flicker, 11; Pileated Woodpecker, 2; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 25; Eastern Phoebe, 1; Blue Jay, 35; Am. Crow, 120; Carolina Chickadee, 70; Tufted Titmouse, 60; White-breasted Nuthatch, 3; Brown Creeper, 13; Winter Wren, 4; Carolina Wren, 40; Mockingbird, 21; Am. Robin, 3; Hermit Thrush, 3; Eastern Bluebird, 13; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 2; Common Starling, 1000; Myrtle Warbler, 13; House Sparrow, 20; Eastern Meadowlark, 100; Red-winged Blackbird, 80; Rusty Blackbird, 2; Cardinal, 100; Am. Goldfinch, 40; Eastern Towhee, 3; Savannah Sparrow, 9; Slate-colored Junco, 400; Am. Tree Sparrow, 70; Field Sparrow, 70; White-throated Sparrow, 200; Fox Sparrow, 2; Swamp Sparrow, 16; Song Sparrow, 70. **Total,** 56 species; about 2913 individuals.—A. A. Baker, Edwin T. McKnight (compiler), Thomas B. Nolan, W. W. Rubey.

152. **Annapolis and Gibson Island, Md.** (same area and habitats as last year, 7½-mile radius centered at west end of Severn River bridge).—Dec. 30; 5:45 a.m. to 5 p.m. Partly cloudy, then clear; temp. 24° to 34°; wind NW, 20-30 m.p.h.; ground bare, marshes partially frozen, rivers and Chesapeake Bay open. Sixty-six observers in 27 parties. Total party-hours, 211 (121 on foot, 90 by car); total party-miles, 718 (140 on foot, 578 by car). Common Loon, 2; Horned Grebe, 213; Pied-billed Grebe, 46; Great Blue Heron, 50; Whistling Swan, 2194; Canada Goose, 36; Mallard, 118; Black Duck, 360; Gadwall, 2; Am. Widgeon, 681; Green-winged Teal, 1; Redhead, 196; Ring-necked Duck, 24; Canvas-back, 7590; Greater and Lesser Scaup, 826; Am. Golden-eye, 282; Buffle-head, 156; Old-squaw, 232; Am. Scoter, 1; Ruddy Duck, 4161; Hooded Merganser, 1; Am. Merganser, 120; Red-breasted Merganser, 3; Turkey Vulture, 112; Black Vulture, 13; **Goshawk, 1** (E.P.W.); Sharp-shinned Hawk, 3; Cooper's Hawk, 5; Red-tailed Hawk, 6; Red-shouldered Hawk, 3; Bald Eagle, 5; Marsh Hawk, 2; **Peregrine Falcon, 1**; Sparrow Hawk, 15; **Broad-winged Hawk, 1** (J.A.B., R.T); Bob-white, 178; Am. Coot, 1294; Killdeer, 102; Wilson's Snipe, 2; Great Black-backed Gull, 8; Herring Gull, 1409; Ring-billed Gull, 124; Laughing Gull, 1; Bonaparte's Gull, 52; **Black-legged Kittiwake, 1** (C.S.R.); Mourning Dove, 114; Screech Owl, 1; Horned Owl, 1; Belted Kingfisher, 53; Yellow-shafted Flicker, 72; Red-bellied Woodpecker, 97; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 11; Downy Woodpecker, 111; Eastern Phoebe, 6; Horned Lark, 3; Blue Jay, 211; Am. Crow, 704; Fish Crow, 3; Black-capped Chickadee, 14; Carolina Chickadee, 590; Tufted Titmouse, 232; White-breasted Nuthatch, 25; Red-breasted Nuthatch, 1; Brown Creeper, 36; **House Wren, 1** (L.O.); Winter Wren, 12; Carolina Wren, 150; Mockingbird, 194; Catbird, 1; **Brown Thrasher, 2**; Am. Robin, 65; Hermit Thrush, 8; Eastern Bluebird, 229; Golden-crowned Kinglet, 73; Ruby-crowned Kinglet, 2; Cedar Waxwing, 34; Loggerhead Shrike, 1; Common Starling, 7470; Myrtle Warbler, 72; House Sparrow, 1176; Eastern Meadowlark, 524; Red-winged Blackbird, 758; Rusty Blackbird, 5; **Baltimore Oriole, 1** (frequenting feeder); Purple Grackle, 2; Brown-headed Cowbird, 52; Cardinal, 787; Purple Finch, 2; Pine Siskin, 3; Am. Goldfinch, 235; Eastern Towhee, 39; Savannah Sparrow, 6; Slate-colored Junco, 2531; Am. Tree Sparrow, 47; Chipping Sparrow, 5; Field Sparrow, 261; White-crowned Sparrow, 1; White-throated Sparrow, 1386; Fox Sparrow, 5; Swamp Sparrow, 15; Song Sparrow, 359. **Total,** 104 species; about 39,440 individuals. (European Widgeon seen during period.) [Details submitted for all unusual observations—Ed.]—J. A. Beatty, W. H. Berry, Mr. and Mrs. W. G. Bodenstein, Mr. and Mrs. R. Bowen, C. M. Buchanan, W. Buser, Mr. and Mrs. R. Cole, Anne Colston, William A. Conrad (compiler), Mrs. W. A. Conrad, H. Dean, R. Donald, R. L. Dwight, J. H. Fales, S. Fisher, J. E. Hampe, Mr. and Mrs. H. N. Hall, D. Hall, Mrs. R. Henderson, Judge and Mrs. W. L. Henderson, Mr. and Mrs. D. G. Howard, Mrs. Walter Hughson, Mrs. William Hughson, Mrs. C. A. Kirtley, R. L. Kleen, Mr. and Mrs. H. Krimm, Mrs. R. L. Langdon, Dr. C. Lawrence, Mrs. E. Loughlin, Mrs. W. J. Luff, J. S. Mason, Jr., Miss E. McHenry, B. McMullen, Mr. and Mrs. D. F. Miner, R. W. Ogle, L. Oring, H. N. Page, Miss M. Pelton, C. S. Robbins, Father E. Stoehr, H. Stokes, Mr. and Mrs. D. Swing, Mrs. Gail Tappan, J. Torburgh, Mrs. J. Toth, Mr. and Mrs. J. Travis, R. Troutman, Edna Warren, J. Weske, Mrs. R. S. West, H. Wierenga, Comdr. and Mrs. E. P. Wilson, Miss E. L. Wood, Capt. and Mrs. J. E. M. Wood.

153. **Catoctin Mountain, Md.** (7½-mile radius centered 1.3 miles west of Thurmont, described in 1949).—Jan. 1; 5:15 a.m. to 5:45 p.m. Cloudy with snow flurries; temp. 18° to 28°; wind SW to NW, 10-20 m.p.h.; ground bare, streams open, small ponds partly frozen. Fifteen observers in 5 parties. Total party-hours, 47 (24 on foot, 23 by car); total party-miles, 267 (25 on foot, 242 by car). Great Blue Heron, 1; Mallard, **34**; Black Duck, 4; Am. Merganser, 1; Turkey Vulture, **220**; Cooper's Hawk, 1; Red-tailed Hawk, 12; Red-shouldered Hawk, 2; Marsh Hawk, 3; Sparrow Hawk, 10; Bob-white, 45; Ring-necked Pheasant, 1; **Am. Coot, 1**; Killdeer, **80**; Mourning Dove, 27; Barn Owl, 1; Screech Owl, 1; Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 13; Red-bellied Woodpecker, 17; Red-headed Woodpecker, **8**; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 11; Downy Woodpecker, 46; Eastern Phoebe, **3**; Horned Lark, 153; Blue Jay, 84; Am. Crow, **7278**; Fish Crow, 3; Carolina Chickadee, 108; Tufted Titmouse, 113; White-breasted Nuthatch, 7; Brown Creeper, 21; Winter Wren, 7; Carolina Wren, 39; Mockingbird, 25; **Catbird, 1**; Eastern Bluebird, 25; Golden-crowned Kinglet, 20; Cedar Waxwing, 14; Loggerhead Shrike, 3; Common Starling, 3153; House Sparrow, 1088; Eastern Meadowlark, **64**; Rusty Blackbird, **20**; Brown-headed Cowbird, 3; Cardinal, 155; Purple Finch, 2; Am. Goldfinch, 108; Eastern Towhee, 2; Slate-colored Junco, 482; Am. Tree Sparrow, 209; Field Sparrow, 39; White-crowned Sparrow, 74; White-throated Sparrow, 132; Swamp Sparrow, **20**; Song Sparrow, 89. **Total,** 59 species; about 14,090 individuals. (Seen in area count period: Sharp-shinned Hawk, Ruffed Grouse, Ruby-crowned Kinglet.)—Joseph A. Beatty, Howard Dean, Mr. and Mrs. Sterling W. Edwards, Mabel Hoyler, Seth H. Low, Seth T. Low, Sarah E. Quinn, John W. Richards (compiler), Ruth O. Richards, Chandler S. Robbins, Roger Troutman, Hazel White.

154. **Denton, Md.** (same area and habitat percentages as last 6 years).—Dec. 22; 4:30 a.m. to 5 p.m. Fog until 9 a.m. and from 3:30-5 p.m., rain intermittently all day; temp. 48° to 58°; wind variable, 0-8 m.p.h. Eleven observers in 9 parties. Total party-hours, 58 (39 on foot, 19 by car); total party-miles, 339 (28 on foot, 311 by car). Pied-billed Grebe, 5; Great Blue Heron, 4; Canada Goose, 12; Mallard, 1; Black Duck, 3; Wood Duck, 1; Ring-necked Duck, 14; Ruddy Duck, 1; Turkey Vulture, 102; Black Vul-

ture, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Marsh Hawk, 16; Sparrow Hawk, 29; Bob-white, 16; Killdeer, 115; Herring Gull, 1; Ring-billed Gull, 2; Mourning Dove, 239; Screech Owl, 1; Horned Owl, 4; Barred Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 21; Red-bellied Woodpecker, 29; Hairy Woodpecker, 3; Downy Woodpecker, 31; Horned Lark, 96; Blue Jay, 14; Am. Crow, 184; Carolina Chickadee, 144; Tufted Titmouse, 33; Brown Creeper, 8; Winter Wren, 3; Carolina Wren, 39; Mockingbird, 26; Am. Robin, 9; Hermit Thrush, 2; Eastern Bluebird, 128; Golden-crowned Kinglet, 29; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 6; Common Starling, 1045; Myrtle Warbler, 14; **Pine Warbler, 1**; House Sparrow, 948; Eastern Meadowlark, 183; Red-winged Blackbird, 146; Rusty Blackbird, 50; Cardinal, 197; Am. Goldfinch, 146; Eastern Towhee, 24; **Vesper Sparrow, 3**; Slate-colored Junco, 307; Field Sparrow, 95; White-crowned Sparrow, 3; White-throated Sparrow, 329; Fox Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 60. **Total,** 61 species; about 4940 individuals. (Seen in area count period: Am. Merganser, **Cape May Warbler,** Palm Warbler.) [No details submitted about amazing Cape May Warbler—Ed.]—Elsie Bilbrough, Charles Buchanan, A. J. Fletcher, Roberta B. Fletcher, Marvin W. Hewitt (compiler), Richard W. Kleen, Alicia Knotts, Michael Messick, Terry Moore, Wilbur Rittenhouse, Salome Somers.

155. Loch Raven, Md. (from Towson around the lake through Dulaney Valley to Loch Raven Station; seral stages 30 to 40 years after cultivation 50%, deciduous forest 35%, coniferous plantations 10%, cultivated land 5%).—Dec. 31; 6:30 a.m. to 5:30 p.m. Cloudy a.m., clear p.m.; temp. 34° to 54°; wind W, 8-15 m.p.h.; ground bare, no ice on lake. One observer. Total hours, 11 (10 on foot, 1 by car); total miles, 28 (12 on foot, 16 by car). Common Loon, 1; Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 14; Black Duck, 31; Am. Widgeon, 2; Am. Merganser, 8; Turkey Vulture, 83; Bob-white, 22; Am. Coot, 120; Ring-billed Gull, 2; Barred (?) Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 5; Am. Crow, 7; Carolina Chickadee, 10; Tufted Titmouse, 3; Brown Creeper, 1; Winter Wren, 2; Carolina Wren, 4; Mockingbird, 1; Myrtle Warbler, 3; Cardinal, 14; Am. Goldfinch, 10; Slate-colored Junco, 10; Am. Tree Sparrow, 17; Field Sparrow, 2; White-throated Sparrow, 72; Song Sparrow, 5. **Total,** 33 species; 462 individuals.—Haven Kolb.

156. McCoole, Md. (same area and habitat percentages as in previous years).—Dec. 30; 8 a.m. to 8:30 p.m. Snow flurries; temp. 20° to 36°; wind gusty, 10-20 m.p.h. Two observers in 1 party. Total party-hours, 12 (10 on foot, 2 by car); total party-miles, 21 (9 on foot, 12 by car). Cooper's Hawk, 1; Sparrow Hawk, 1; Bob-white, 17; Mourning Dove, 2; Yellow-shafted Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 6; Blue Jay, 3; Am. Crow, 68; Tufted Titmouse, 6; White-breasted Nuthatch, 1; Winter Wren, 2; Carolina Wren, 6; Mockingbird, 3; Hermit Thrush, 1; Common Starling, 360; Myrtle Warbler, 4; Cardinal, 60; House Finch, 40; Am. Goldfinch, 10; Eastern Towhee, 1; Slate-colored Junco, 93; Am. Tree Sparrow, 173; White-crowned Sparrow, 13; White-throated Sparrow, 8; Song Sparrow, 15. **Total,** 26 species; about 898 individuals.—Anna H. Llewellyn, Leonard M. Llewellyn (compiler).

157. Ocean City, Md. (same area as in past 8 years; same habitat percentages as in 1949).—Dec. 27; 4:15 a.m. to 6:15 p.m. Overcast with light snow showers a.m., clear p.m.; temp. 30° to 45°; wind SW, 5-15 m.p.h.; ground bare, all ponds and streams open. Twenty-one observers in 10 parties. Total party-hours, 133 (95 on foot, 33 by car, 5 by boat); total party-miles, 514 (100 on foot, 395 by car, 19 by boat). Common Loon, 12; Red-throated Loon, **107**; Horned Grebe, 206; Pied-billed Grebe, 11; Gannet, **124**; Double-crested Cormorant, 7; Great Blue Heron, 45; **Little Blue Heron, 1** (M.P.D., R.P.D.); Black-crowned Night Heron, 2; Whistling Swan, 56; Canada Goose, 2880; Am. Brant, 4570; Snow Goose, 2; Mallard, 645; Black Duck, 905; Gadwall, 4; Am. Widgeon, 105; Pintail, 46; Green-winged Teal, 30; Shoveller, 7; Wood Duck, 2; Redhead, 4; Ring-necked Duck, 126; Canvas-back, 10,000; scaup (sp.), 92; Am. Golden-eye, 66; Buffle-head, 32; Old-squaw, 781; **King Eider, 1** (D.C., P.S., M.W.O.); White-winged Scoter, 737; Surf Scoter, 1097; Am. Scoter, 1656; Ruddy Duck, 3; Hooded Merganser, 4; Am. Merganser, 6; Red-breasted Merganser, 661; Turkey Vulture, **920**; Black Vulture, 4; Sharp-shinned Hawk, 7; Cooper's Hawk, 3; Red-tailed Hawk, 24; Red-shouldered Hawk, 14; Rough-legged Hawk, 1; Bald Eagle, 3; Marsh Hawk, 13; Peregrine Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 67; Bob-white, 79; Clapper Rail, 2; Florida Gallinule, 1 (D.C.); Am. Coot, 70; Ringed Plover, 5; Piping Plover, 10; Killdeer, 342; Black-bellied Plover, 200; Am. Woodcock, 7; Wilson's Snipe, 32; Greater Yellow-legs, 2; Lesser Yellow-legs, 4; Purple Sandpiper, 25; Least Sandpiper, 16; Red-backed Sandpiper, 2150; Semipalmated Sandpiper, 9; Western Sandpiper, 1; Sanderling, **1500**; Great Black-backed Gull, 35; Herring Gull, 3400; Ring-billed Gull, 1765; Laughing Gull, 1; Bonaparte's Gull, 35; Black Skimmer, 11; Mourning Dove, 741; Barn Owl, 1; Screech Owl, 2; Horned Owl, 20; Barred Owl, 4; Belted Kingfisher, 20; Yellow-shafted Flicker, **114**; Pileated Woodpecker, 6; Red-bellied Woodpecker, **91**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 58; Downy Woodpecker, 65; Eastern Phoebe, 10; Horned Lark, 45; Blue Jay, 16; Am. Crow, 715; Fish Crow, 1; Carolina Chickadee, 225; Tufted Titmouse, 178; White-breasted Nuthatch, 7; Brown-headed Nuthatch, 32; Brown Creeper, 13; House Wren, 3; Winter Wren, 35; Carolina Wren, **173**; Long-billed Marsh Wren, 2; Short-billed Marsh Wren, 2; Mockingbird, 66; Catbird, 15; Brown Thrasher, 13; Am. Robin, 277; Hermit Thrush, 17; Eastern Bluebird, 227; Golden-crowned Kinglet, 145; Ruby-crowned Kinglet, 67; Water Pipit, 7; Cedar Waxwing, 48; Loggerhead

Shrike, 14; Common Starling, 2805; Orange-crowned Warbler, 1; Myrtle Warbler, 563; Pine Warbler, 5; Palm Warbler, 37 (12 Yellow); Common Yellowthroat, 2; House Sparrow, 1210; Eastern Meadowlark, **3082**; Red-winged Blackbird, 2305; Rusty Blackbird, 4; Boat-tailed Grackle, 2; Purple Grackle, 5; Brown-headed Cowbird, 157; Cardinal, 556; Am. Goldfinch, 386; Eastern Towhee, 157; Ipswich Sparrow, 6; Savannah Sparrow, 139; Sharp-tailed Sparrow, 8; Seaside Sparrow, 4; Vesper Sparrow, 15; Slate-colored Junco, 637; Am. Tree Sparrow, 15; Chipping Sparrow, 12; Field Sparrow, **799**; White-throated Sparrow, **3834**; Fox Sparrow, 27; Swamp Sparrow, 203; Song Sparrow, 581. **Total,** 139 species (1 additional subspecies); about 56,826 individuals. (One Black-legged Kittiwake found freshly dead on jetty—D.C.) [Carefully prepared count with excellent details for more unusual reports—Ed.]—Harry T. Armistead, James Bates, Robert B. Bates, Mrs. John C. Bauer, Joseph A. Beatty, David Cutler, Richard P. Dubois, Martha P. Dubois, Richard L. Kleen, Gordon A. Knight, Seth H. Low, Seth T. Low, Paul J. O'Brien, M. W. O'Connell, John W. Richards, Chandler S. Robbins (compiler), Paul Schwalbe, James Travis, Marylou Travis, Roger Troutman, Richard T. Wright.

158. St. Michaels, Md. (approximately same area as in past 3 years; same habitat percentages).—Dec. 29; 5 a.m. to 6 p.m. Rain a.m., clearing p.m.; temp. 33° to 43°; wind NE, 5-35 m.p.h. Eighteen observers in 9 parties. Total party-hours, 90 (60 on foot, 30 by car); total party-miles, 420 (70 on foot, 350 by car). Common Loon, 1; Horned Grebe, 308; Pied-billed Grebe, 1; Great Blue Heron, 36; Black-crowned Night Heron, 1; Whistling Swan, 4825; Canada Goose, 8406; Am. Brant, 95; Mallard, 228; Black Duck, 1086; Am. Widgeon, 958; Pintail, 35; Redhead, 562; Ring-necked Duck, 1; Canvas-back, 2894; Greater Scaup, 1; Lesser Scaup, 1011; Am. Golden-eye, 461; Buffle-head, 4; Old-squaw, 193; White-winged Scoter, 101; Ruddy Duck, 661; Am. Merganser, 5; Red-breasted Merganser, 20; Turkey Vulture, 378; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 36; Red-shouldered Hawk, 2; Bald Eagle, 6; Marsh Hawk, 29; Sparrow Hawk, 33; Bob-white, 193; Am. Coot, 133; Killdeer, 83; Great Black-backed Gull, 11; Herring Gull, 1029; Ring-billed Gull, 2660; Bonaparte's Gull, 2; Mourning Dove, 203; Screech Owl, 4; Horned Owl, 12; Belted Kingfisher, 22; Yellow-shafted Flicker, 21; Red-bellied Woodpecker, 25; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 41; Blue Jay, 33; Am. Crow, 5457; Fish Crow, 3; Carolina Chickadee, 182; Tufted Titmouse, 57; Brown-headed Nuthatch, **153**; Brown Creeper, 15; Winter Wren, 2; Carolina Wren, 78; Mockingbird, 129; Brown Thrasher, 2; Am. Robin, 3; Eastern Bluebird, 115; Golden-crowned Kinglet, 51; Water Pipit, 4; Cedar Waxwing, 47; Loggerhead Shrike, 4; Common Starling, 2123; Myrtle Warbler, 437; Pine Warbler, 2; **Black-capped Warbler,** 1 (visiting feeder through Nov. and Dec.); **Yellow-breasted Chat,** 1 (at feeder for week); House Sparrow, 729; Eastern Meadowlark, 1197; Red-winged Blackbird, 685; **Baltimore Oriole,** 4; Purple Grackle, 10; Brown-headed Cowbird, 55; Cardinal, 491; Am. Goldfinch, 313; Eastern Towhee, 34; Savannah Sparrow, 4; Vesper Sparrow, 3; Slate-colored Junco, 1166; Field Sparrow, 326; White-throated Sparrow, **2910**; Swamp Sparrow, 19; Song Sparrow, 418. **Total,** 86 species; about 44,092 individuals.—Edith Adkins, Thomas Ambler, Harry Armistead, Joseph Beatty, Martha Dubois, Shirley Geddes, Richard L. Kleen (compiler), Gordon Knight, Michael Messick, Terry Moore, Jane Offutt, Wilbur Rittenhouse, Chandler S. Robbins, John Terborgh, Roger Troutman, Chick Welsh, John Weske, Jean Worthley.

159. Seneca, Md. (15-mile diameter centering at Seneca, including C & O Canal from Great Falls to Edwards Ferry and excluding Virginia side of river; wooded areas and thickets 40%, submarginal land 20%, pasture 20%, cultivated land 15%, villages 5%).—Dec. 31; 6:30 a.m. to 5 p.m. Some cloudiness; temp. 34° to 57°; wind NW, 15 m.p.h.; ground bare, some thin ice on canal and swamp areas. Nine observers in 4 parties. Total party-hours, 43 (31 on foot, 12 by car); total party-miles, 243 (50 on foot, 193 by car). Horned Greebe, 4; Pied-billed Grebe, 3; Great Blue Heron, 2; Mallard, 298; Black Duck, 299; Gadwall, 1; Am. Widgeon, 10; Green-winged Teal, 4; Wood Duck, 3; Ring-necked Duck, 50; Canvas-back, 2; Greater Scaup, 15; Lesser Scaup, 26; scaup (sp.), 1; Am. Golden-eye, 3; Buffle-head, 1; Am. Merganser, 4; Turkey Vulture, 239; Black Vulture, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 2; Red-shouldered Hawk, 7; Marsh Hawk, 2; Sparrow Hawk, 9; Bob-white, 13; Am. Coot, 27; Killdeer, 5; Herring Gull, 6; Mourning Dove, 117; Barred Owl, 2; Belted Kingfisher, 13; Yellow-shafted Flicker, 25; Pileated Woodpecker, 5; Red-bellied Woodpecker, 55; Red-headed Woodpecker, 42; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 20; Downy Woodpecker, 67; Eastern Phoebe, 1; Horned Lark, 8; Blue Jay, 92; Am. Crow, 389; Carolina Chickadee, 200; Tufted Titmouse, 122; White-breasted Nuthatch, 48; Brown Creeper, 48; Winter Wren, 19; Carolina Wren, 98; Mockingbird, 38; Am. Robin, 1; Eastern Bluebird, 81; Golden-crowned Kinglet, 31; Loggerhead Shrike, 4; Common Starling, 2011; Myrtle Warbler, 1; House Sparrow, 187; Eastern Meadowlark, 35; Red-winged Blackbird, 314; Purple Grackle, 1; Brown-headed Cowbird, 76; Cardinal, 316; Am. Goldfinch, 117; Eastern Towhee, 4; Slate-colored Junco, 417; Am. Tree Sparrow, 86; Field Sparrow, 41; White-throated Sparrow, 364; Swamp Sparrow, 1; Song Sparrow, 36. **Total,** 69 species; about 6578 individuals.—Joseph Beatty, Mrs. Katherine A. Goodpasture, Jack P. Hailman, Eva Linscott, Chandler S. Robbins, Hilda E. Smith (compiler), Karl Stecher, Mrs. Goldie Thomsen, Roger Troutman.

160. Southern Dorchester County, Md. (Blackwater National Wildlife Refuge to Elliott Island; same area and habitats as in past 9 years).—Dec. 28; 6 a.m. to 6 p.m. Clear a.m., cloudy p.m.; temp. 34°

to 54°; wind calm a.m., SW, 5-15 m.p.h. p.m.; ground bare, ponds and streams open. Twenty-six observers in 7 parties. Total party-hours, 91 (69 on foot, 18¼ by car, 3 by airboat, ¾ by plane); total party-miles, 363 (63 on foot, 195 by car, 30 by airboat, 75 by plane). Horned Grebe, 83; Pied-billed Grebe, 7; Great Blue Heron, 54; Am. Egret, 3; Black-crowned Night Heron, 12; Am. Bittern, 1; Whistling Swan, **192**; Canada Goose, 12,230; Snow Goose, 9; Blue Goose, 3; Mallard, 2615; Black Duck, 4565; Gadwall, 62; Am. Widgeon, **1425**; Pintail, 1200; Green-winged Teal, **1170**; Blue-winged Teal, 6; Shoveller, 12; Redhead, **865**; Ring-necked Duck, **2700**; Canvas-back, **8800**; scaup (sp.), 1145; Am. Golden-eye, 670; Buffle-head, 20; Old-squaw, 7; Ruddy Duck, 33; Hooded Merganser, 48; Am. Merganser, 66; Red-breasted Merganser, 13; Turkey Vulture, 184; Black Vulture, 4; Sharp-shinned Hawk, 2; Red-tailed Hawk, 12; Red-shouldered Hawk, 13; Rough-legged Hawk, 1; **Golden Eagle, 2** (1 ad., 1 imm.—I.N.G.); Bald Eagle, 19; Marsh Hawk, 43; Sparrow Hawk, 11; Bob-white, 5; King Rail, 20; Virginia Rail, 24; Sora, 1; Am. Coot, 40; Killdeer, **198**; Am. Woodcock, 2; Wilson's Snipe, **49**; Greater Yellow-legs, 15; Red-backed Sandpiper, 12; **Sanderling, 2**; Great Black-backed Gull, 1; Herring Gull, 170; Ring-billed Gull, 615; Mourning Dove, 73; Screech Owl, 1; Horned Owl, 16; Barred Owl, 2; Short-eared Owl, 3; Belted Kingfisher, 9; Yellow-shafted Flicker, 40; Pileated Woodpecker, **10**; Red-bellied Woodpecker, 22; Hairy Woodpecker, 13; Downy Woodpecker, 37; **Tree Swallow, 240**; Blue Jay, 7; Am. Crow, 1180; Carolina Chickadee, 158; Tufted Titmouse, 67; White-breasted Nuthatch, **1**; Brown-headed Nuthatch, **92**; Brown Creeper, 24; Winter Wren, 9; Carolina Wren, 54; Long-billed Marsh Wren, 40; Short-billed Marsh Wren, 7; Mockingbird, 13; Catbird, 3; Brown Thrasher, 1; Am. Robin, 323; Hermit Thrush, 15; Eastern Bluebird, 55; Golden-crowned Kinglet, 34; Ruby-crowned Kinglet, 9; Cedar Waxwing, 29; Loggerhead Shrike, 5; Common Starling, 460; Myrtle Warbler, 1450; House Sparrow, 188; Eastern Meadowlark, 488; Red-winged Blackbird, 1847; Rusty Blackbird, 2; Purple Grackle, 2; Brown-headed Cowbird, 9; Cardinal, 133; Am. Goldfinch, 75; Eastern Towhee, 14; Savannah Sparrow, 64; Sharp-tailed Sparrow, 5; Vesper Sparrow, 6; Slate-colored Junco, 93; Field Sparrow, 81; White-throated Sparrow, 483; Fox Sparrow, 15; Swamp Sparrow, 236; Song Sparrow, 243; **Total,** 106 species; about 47,947 individuals. (Least Bittern, Cooper's Hawk, Lesser Yellow-legs, Eastern Phoebe seen during period.) [Carefully prepared count, excellent details—Ed.]—Harry T. Armistead, Elting Arnold, Hannah Arnold, Robert H. Bain, Joseph A. Beatty, Philip A. DuMont, Ira N. Gabrielson, Edwin J. Hayward, Gordon A. Knight, Seth H. Low, Seth T. Low, Bruce I. Nesbitt, Stephen A. Nesbitt, Paul J. O'Brien, John W. Richards, Chandler S. Robbins (compiler), William Sladen, Brenda Sladen, Harriet A. Sutton, James Travis, Marylou Travis, Roger Troutman, G. W. Willey, Richard T. Wright.

161. Triadelphia Reservoir, Md. (Montgomery and Howard Counties; same area and habitat percentages as in previous 8 years but very poor coverage due to weather).—Dec. 23; 4:15 a.m. to 5 p.m. Steady rain a.m.; fog and drizzle p.m.; temp. 45° to 42°; wind NE, 5-10 m.p.h.; ground clear, water areas open. Eighteen observers in 5 parties. Total party-hours, 46 (21 on foot, 25 by car); total party-miles, 286 (13 on foot, 273 by car). Common Loon, 1; Horned Grebe, 2; Great Blue Heron, 3; Canada Goose, 1; Mallard, 1020; Black Duck, 1500; Am. Widgeon, 60; Green-winged Teal, 20; Redhead, 1; Hooded Merganser, 3; Am. Merganser, 42; Turkey Vulture, 108; Black Vulture, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 4; Marsh Hawk, 4; Sparrow Hawk, 7; Am. Coot, 80; Killdeer, 8; Herring Gull, 2; Mourning Dove, 95; Screech Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 19; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 2; Hairy Woodpecker, 5; Downy Woodpecker, 32; Eastern Phoebe, 1; Horned Lark, 3; Blue Jay, 173; Am. Crow, 259; Carolina Chickadee, 81; Tufted Titmouse, 60; White-breasted Nuthatch, 15; Brown Creeper, 3; Winter Wren, 4; Carolina Wren, 28; Mockingbird, 74; Eastern Bluebird, 67; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 1; Cedar Waxwing, 3; Loggerhead Shrike, 1; Common Starling, 2732; House Sparrow, 538; Eastern Meadowlark, 47; Red-winged Blackbird, 1; Purple Grackle, 8; Brown-headed Cowbird, 5; Cardinal, 203; Am. Goldfinch, 66; Eastern Towhee, 9; Savannah Sparrow, 1; Slate-colored Junco, 954; Am. Tree Sparrow, 97; Field Sparrow, 110; White-crowned Sparrow, 15; White-throated Sparrow, 397; Swamp Sparrow, 8; Song Sparrow, 70. **Total,** 61 species; about 9106 individuals. (Bob-white seen in area during period.) [Very neat, well prepared count—Ed.]—Gorman M. Bond, Mr. and Mrs. Robert M. Bowen, Mr. and Mrs. Richard D. Cole, John H. Fales, David H. Fales, Don P. Fankhauser, Irving E. Hampe, Rodney B. Jones, Seth H. Low (compiler), Seth T. Low, Mrs. G. C. Munro, Dr. John W. Richards, Mr. and Mrs. Chandler S. Robbins, Jane S. Robbins, Mrs. Elmer G. Worthley.

162. Washington, D. C. (area same as in previous years except Oxon Run segment not covered; habitat distribution unchanged).—Dec. 29; 6:15 a.m. to 6:30 p.m. Cloudy; temp. 40° to 35°; wind NW, 20-30 m.p.h., gusts to 50 m.p.h.; ground damp, water open. Thirty-nine observers in 22 parties. Total party-hours, 203 (170 on foot, 29 by car, 4 by boat); total party-miles, 339 (140 on foot, 197 by car, 2 by boat). Pied-billed Grebe, 3; Great Blue Heron, 21; Am. Egret, 1; Black-crowned Night Heron, 8; **Whistling Swan, 1**; Canada Goose, 1; Mallard, 183; Black Duck, 1573; Am. Widgeon, 215; Pintail, 681; Green-winged Teal, 150; Shoveller, 7; Redhead, 4; Ring-necked Duck, 2; Canvas-back, 23; Greater Scaup, 24; Lesser Scaup, 28; Am. Golden-eye, 1; Buffle-head, 15; Old-squaw, 2; Ruddy Duck, 581; Am. Merganser, 51; Red-breasted Merganser, 14; Turkey Vulture, 383; Black Vulture, 36; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 7; Bald Eagle, 3; Marsh Hawk, 2; Sparrow Hawk, 16; Bob-white, 23;

Am. Coot, 4; Killdeer, 72; Wilson's Snipe, 8; **Least Sandpiper, 3** (present since Oct.); Herring Gull, 1077; Ring-billed Gull, 1562; Bonaparte's Gull, 6; Mourning Dove, 172; Horned Owl, 1; Barred Owl, 12; Belted Kingfisher, 7; Yellow-shafted Flicker, 32; Pileated Woodpecker, 3; Red-bellied Woodpecker, 47; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 11; Downy Woodpecker, 100; Eastern Phoebe, 1; Blue Jay, 80; Am. Crow, 566; Fish Crow, 6; Black-capped Chickadee, 4; Carolina Chickadee, 383; Tufted Titmouse, 291; White-breasted Nuthatch, 82; Red-breasted Nuthatch, 7; Brown Creeper, 16; Winter Wren, 23; Carolina Wren, 119; Long-billed Marsh Wren, 1; Mockingbird, 187; Brown Thrasher, 1; Am. Robin, 1; Hermit Thrush, 3; Eastern Bluebird, 39; Golden-crowned Kinglet, 54; Ruby-crowned Kinglet, 6; Cedar Waxwing, 4; Loggerhead Shrike, 1; Common Starling, 22,465; Myrtle Warbler, 8; House Sparrow, 479; Eastern Meadowlark, 52; Red-winged Blackbird, 587; Rusty Blackbird, 15; Purple Grackle, 1; Brown-headed Cowbird, 2; Cardinal, 479; Am. Goldfinch, 273; Eastern Towhee, 8; Savannah Sparrow, 3; Vesper Sparrow, 1; Slate-colored Junco, 1145; **Oregon Junco (Pink-sided), 1** (found Dec. 26, carefully studied again Dec. 29—J.M.A.); Am. Tree Sparrow, 30; Field Sparrow, 239; White-crowned Sparrow, 1; White-throated Sparrow, 1125; Fox Sparrow, 23; Swamp Sparrow, 6; Song Sparrow, 488. **Total,** 93 species; about 36,494 individuals.—J. M. Abbott, E. Arnold, M. Bennington, L. Berry, J. Boyd, R. Caswell, E. G. Davis, C. Dillon, P. A. DuMont, A. H. Fast, L. W. Garges, M. Gilbert, G. Golding, M. Goldman, K. Goodpasture, E. J. Hayward, C. R. Hough, A. Hubbell, Dan F. Keeney, L. S. Keeney, E. E. Kunze, G. M. Meade, J. Meade, G. Mersereau, J. Middleton, M. L. Morgan, J. Mulloy, M. Mulloy, P. Ourusoff, Mrs. F. Over, H. Page, G. Rowe, M. Rowe, C. Slusher, H. Sutton (compiler), J. Turner, A. Walker, L. Wendt, D. Wilson (Audubon Society of the District of Columbia).

163. Back Bay National Wildlife Refuge, Va. (same area as in previous years, refuge and much of mainland of Princess Anne County; open farmland 20%, pine woodland 10%, deciduous woodland 20%, open beach 5%, marshes and inland bay 45%).—Dec. 27; 5 a.m. to 5 p.m. Partly cloudy; temp. 32° to 53°; wind SW, 11-14 m.p.h.; ground bare and water open. Seven observers in 2 parties. Total party-hours, 20 (14 on foot, 6 by car); total party-miles, 145 (16 on foot, 129 by car). Common Loon, 3; Red-throated Loon, 6; Horned Grebe, 18; Pied-billed Grebe, 8; Gannet, 33; Great Blue Heron, 14; Am. Egret, 8; **Louisiana Heron, 1** (carefully studied—P.S.); **Little Blue Heron, 1** (F.R., W.R.); Am. Bittern, 1; Whistling Swan, 300; Canada Goose, 4300; Snow Goose, 800; Blue Goose, 2; Mallard, 400; Black Duck, 600; Am. Widgeon, 144; Pintail, 700; Green-winged Teal, 76; Blue-winged Teal, 3; Shoveller, 21; Redhead, 5; Canvas-back, 20; Lesser Scaup, 5; Am. Scoter, 2; Ruddy Duck, 28; Red-breasted Merganser, 28; Turkey Vulture, 4; Black Vulture, 9; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 3; Bald Eagle, 2; Marsh Hawk, 24; Peregrine Falcon, 1; Sparrow Hawk, 34; Bob-white, 2; King Rail, 2; **Florida Gallinule, 1** (F.R., W.R.); Am. Coot, 87; Killdeer, 119; Black-bellied Plover, 1; Wilson's Snipe, 10; Greater Yellow-legs, 1; Great Black-backed Gull, 19; Herring Gull, 100; Ring-billed Gull, 465; Bonaparte's Gull, 3; **Royal Tern, 9** (P.S.); Mourning Dove, 26; Barred Owl, 2; Belted Kingfisher, 10; Yellow-shafted Flicker, 20; Red-bellied Woodpecker, 14; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 8; **Red-cockaded Woodpecker, 4** (F.R., W.R.); Eastern Phoebe, 3; Tree Swallow, **1000** (P.S.); Am. Crow, 84; Fish Crow, 3; Carolina Chickadee, 30; Tufted Titmouse, 20; White-breasted Nuthatch, 3; Brown-headed Nuthatch, 27; Brown Creeper, 2; House Wren, 3; Winter Wren, 3; Carolina Wren, 28; Long-billed Marsh Wren, 2; Short-billed Marsh Wren, 5; Mockingbird, 23; Catbird, 11; Brown Thrasher, 6; Am. Robin, 294; Hermit Thrush, 7; Eastern Bluebird, 13; Golden-crowned Kinglet, 43; Ruby-crowned Kinglet, 26; Water Pipit, 200; Cedar Waxwing, 4; Loggerhead Shrike, 5; Common Starling, 43; Myrtle Warbler, 530; Pine Warbler, 13; Palm Warbler, 2; Common Yellow-throat, 8; **Yellow-breasted Chat, 1**; House Sparrow, 35; Eastern Meadowlark, 160; Red-winged Blackbird, 20,000; Rusty Blackbird, 150; Boat-tailed Grackle, **108**; Purple Grackle, 13; Brown-headed Cowbird, 50; Cardinal, 69; Am. Goldfinch, 45; Eastern Towhee, 53; Savannah Sparrow, 150; **Sharp-tailed Sparrow, 1**; Slate-colored Junco, 8; Field Sparrow, 28; White-throated Sparrow, 369; Fox Sparrow, 10; Swamp Sparrow, 131; Song Sparrow, 91. **Total,** 107 species; about 32,431 individuals. A strong offshore wind kept the sea ducks too far out to be identified.—M. T. Griffin, H. Hespenheide, F. C. Richardson, W. F. Rountrey, P. W. Sykes, Jr. (compiler), E. Webster, Jr., C. S. Yelverton.

164. Big Flat Mountain, Va. (same area and habitat percentages as last year, mostly in southern Shenandoah National Park).—Dec. 22; 7 a.m. to 5:15 p.m. Rain early, cloudy rest of day; temp. 50° to 65°; wind W, 0-10 m.p.h. One observer. Total hours, 10¼ (on foot); total miles, 20 (all on foot). Mallard, 95; Turkey Vulture, 49; Cooper's Hawk, 1; Ruffed Grouse, 2; Bob-white, 15; Turkey, 1; Pileated Woodpecker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 8; Eastern Phoebe, 5; Blue Jay, 3; Common Raven, 2; Am. Crow, 131; Fish Crow, 1; Carolina Chickadee, 18; Tufted Titmouse, 4; Winter Wren, 4; Carolina Wren, 24; Mockingbird, 1; Am. Robin, 8; Golden-crowned Kinglet, 6; Cedar Waxwing, 2; Common Starling, 134; Cardinal, 12; Am. Goldfinch, 2; Slate-colored Junco, 84; Am. Tree Sparrow, 1; Field Sparrow, 11; White-throated Sparrow, 26; Fox Sparrow, 5; Song Sparrow, 4. **Total,** 31 species; about 665 individuals.—Charles E. Stevens.

165. Blacksburg, Va. (same area as last year; pasture and plowed land 20%, town and suburbs 10%, virgin White Oak woodlots 20%, mixed pine and oak woods 20%, river and creekbottom 30%).—Dec. 27; 6:30 a.m. to 5:30 p.m. Clear to overcast; temp. 32° to 46°; wind SW, 20-30 m.p.h.; ground

bare, water open. Twelve observers in 7 parties. Total party-hours, 63 (59 on foot, 4 by car); total party-miles, 132 (65 on foot, 67 by car). Pied-billed Grebe, 9; Mallard, 60; Black Duck, 14; Gadwall, 10; Am. Widgeon, 179; Pintail, 4; Redhead, 25; Ring-necked Duck, 29; Lesser Scaup, 75; Am. Golden-eye, 22; Buffle-head, 129; Hooded Merganser, 28; Turkey Vulture, 11; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 2; Bob-white, 13; Am. Coot, 1; Wilson's Snipe, 4; Mourning Dove, 39; Belted Kingfisher, 5; Yellow-shafted Flicker, 4; Pileated Woodpecker, 8; Red-bellied Woodpecker, 10; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 4; Downy Woodpecker, 31; Eastern Phoebe, 1; Horned Lark, 52; Blue Jay, 44; Am. Crow, 671; Black-capped Chickadee, 1; Carolina Chickadee, 124; Tufted Titmouse, 134; White-breasted Nuthatch, 52; Brown Creeper, 7; Winter Wren, 6; Carolina Wren, 39; Mockingbird, 40; Am. Robin, 13; Hermit Thrush, 7; Eastern Bluebird, 12; Golden-crowned Kinglet, 41; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 8; Common Starling, 2912; House Sparrow, 163; Eastern Meadowlark, 68; Rusty Blackbird, 18; Purple Grackle, 2; Cardinal, 224; Purple Finch, 6; Am. Goldfinch, 244; Eastern Towhee, 3; Slate-colored Junco, 473; Am. Tree Sparrow, 10; Field Sparrow, 108; White-crowned Sparrow, 59; White-throated Sparrow, 62; Fox Sparrow, 9; Swamp Sparrow, 5; Song Sparrow, 59. **Total,** 64 species; about 6406 individuals.—J. D. Cooper, A. L. Dean, C. O. Handley, C. O. Handley, Jr., R. V. Dietrich, J. S. Lindzey, J. W. Murray, C. W. Roane, G. M. Shear, Mrs. E. A. Smyth, Allan Smyth, R. J, Watson (compiler).

166. Brooke, Va. (triangular area with Brooke, Widewater, and mouth of Potomac Creek at the 3 apices; waterfront 32%, marsh 7%, wooded swamp 3%, fields and hedgerows 20%, mixed forest edge 16%, deciduous woods 18%, pine woods 4%).—Dec. 28; 7:30 a.m. to 4:30 p.m. Alternating sun and dense clouds on south edge of continuous cloud bank; temp. 34° to 49°; wind E, at midday only, 6-8 m.p.h.; ground bare, river and bays ice-free. Six observers in 5 parties. Total party-hours, 38; total party-miles, 26 (all on foot). Common Loon, 1; Horned Grebe, 4; Pied-billed Grebe, 6; Great Blue Heron, 18; Whistling Swan, 9; Canada Goose, 62; Mallard, 100; Black Duck, 700; Gadwall, 2; Am. Widgeon, 70; Pintail, 17; Ring-necked Duck, 4; Canvas-back, 10; Lesser Scaup, 45; Am. Golden-eye, 5; Buffle-head, 35; Ruddy Duck, 1200; Hooded Merganser, 4; Am. Merganser, 250; Red-breasted Merganser, 350; Turkey Vulture, 3; Sharp-shinned Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Bald Eagle, 5; Marsh Hawk, 1; Sparrow Hawk, 2; Bob-white, 70; Am. Coot, 350; Killdeer, 15; Wilson's Snipe, 1; Herring Gull, 100; Ring-billed Gull, 50; Mourning Dove, 75; Belted Kingfisher, 6; Yellow-shafted Flicker, 9; Pileated Woodpecker, 2; Red-bellied Woodpecker, 16; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 31; Eastern Phoebe, 3; Blue Jay, 7; Am. Crow, 75; Carolina Chickadee, 75; Tufted Titmouse, 27; White-breasted Nuthatch, 4; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 45; Mockingbird, 25; **Catbird, 1**; Brown Thrasher, 1; Am. Robin, 65; Hermit Thrush, 10; Eastern Bluebird, 40; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 1; Common Starling, 150; Myrtle Warbler, 31; House Sparrow, 35; Eastern Meadowlark, 40; Red-winged Blackbird, 450; Rusty Blackbird, 115; Cardinal, 100; Purple Finch, 2; Am. Goldfinch, 35; Eastern Towhee, 15; Savannah Sparrow, 5; Slate-colored Junco, 500; Am. Tree Sparrow, 10; **Chipping Sparrow, 1** (R.S.); Field Sparrow, 150; White-throated Sparrow, 350; Fox Sparrow, 3; Swamp Sparrow, 8; Song Sparrow, 100. **Total,** 77 species; about 6133 individuals.—C. A. Anderson, A. A. Baker, Edwin T. McKnight (compiler), Thomas B. Nolan, W. W. Rubey, Robert L. Smith.

167. Charlottesville, Va. (same area as in previous years except slightly reduced; riverbottom 30%, farmland 25%, lakes and ponds 20%, deciduous woods 20%, pine woods 5%).—Dec. 29; 7 a.m. to 5 p.m. Cloudy; temp. 25° to 38°; wind NW, 5-30 m.p.h. Four observers in 4 parties. Total party-hours, 24 (19 on foot, 5 by car); total party-miles, 97 (29 on foot, 68 by car). Pied-billed Grebe, 3; Great Blue Heron, 2; Mallard, 37; Black Duck, 1; Am. Widgeon, 4; **Blue-winged Teal, 1** (K.L.); Buffle-head, 4; Turkey Vulture, 44; Black Vulture, 22; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 2; Bob-white, 15; Mourning Dove, 218; Belted Kingfisher, 4; Yellow-shafted Flicker, 7; Pileated Woodpecker, 1; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 16; Eastern Phoebe, 4; Horned Lark, 2; Blue Jay, 8; Am. Crow, 476; Fish Crow, 1; Carolina Chickadee, 67; Tufted Titmouse, 37; White-breasted Nuthatch, 11; Brown Creeper, 2; **House Wren, 1** (first winter record—C.S.); Winter Wren, 5; Carolina Wren, 34; Mockingbird, 28; Hermit Thrush, 2; Eastern Bluebird, 87; Golden-crowned Kinglet, 34; Ruby-crowned Kinglet, 16; Cedar Waxwing, 23; Loggerhead Shrike, 2; Common Starling, 118; Myrtle Warbler, 10; House Sparrow, 30; Eastern Meadowlark, 10; Cardinal, 231; Purple Finch, 5; Am. Goldfinch, 73; Eastern Towhee, 1; Slate-colored Junco, 591; Am. Tree Sparrow, 9; Field Sparrow, 156; White-crowned Sparrow, 11; White-throated Sparrow, 249; Fox Sparrow, 17; Swamp Sparrow, 8; Song Sparrow, 122. **Total,** 56 species; about 2874 individuals. (Seen during period: Red-tailed Hawk, Red-headed Woodpecker, Am. Robin, Palm Warbler).—Mrs. C. O. Gregory, Kenneth Lawless, Robert S. Merkel, Charles E. Stevens (compiler).

168. Chincoteague National Wildlife Refuge, Va. (same area as last year but much less coverage of mainland; open farmland 3%, pine and mixed woodland 10%, low pine and myrtle 20%, fresh-water marshes and impoundments 20%, salt marshes 10%, sheltered bays 17%, dunes 5%, mud and sand flats 5%, ocean beach 10%).—Dec. 27; 7 a.m. to 5:30 p.m. Light rain and snow early, becoming partly cloudy before noon; temp. 38° to 49°; wind S, 5-20 m.p.h.; ground bare, water open. Six observers in 3

parties. Total party-hours, 28 (22 on foot, 3 by car, 3 by motorboat); total party-miles, 80 (12 on foot, 55 by car, 13 by boat). Common Loon, 28; Red-throated Loon, 93; Horned Grebe, 203; Pied-billed Grebe, 13; Gannet, 13; Great Blue Heron, 48; Am. Egret, 6; Little Blue Heron, 5; Am. Bittern, 2; Whistling Swan, 32; Canada Goose, 304; Am. Brant, 1300; Snow Goose, 1200; Mallard, 570; Black Duck, 5800; Gadwall, **1150**; Am. Widgeon, 2900; Pintail, 3050; Green-winged Teal, 2650; **Blue-winged Teal,** 4; Shoveller, 565; Ring-necked Duck, 2; Am. Goldeneye, 83; Buffle-head, 41; Old-squaw, 11; White-winged Scoter, 620; Surf Scoter, 110; Am. Scoter, 1065; Hooded Merganser, 67; Turkey Vulture, 3; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Bald Eagle, 1; Marsh Hawk, 9; Peregrine Falcon, 1; Sparrow Hawk, 6; Clapper Rail, 2; Am. Coot, 800; Killdeer, 1; Black-bellied Plover, 39; Greater Yellow-legs, 16; Lesser Yellow-legs, 24; Least Sandpiper, 6; Red-backed Sandpiper, 283; **dowitcher (sp.), 5**; Semipalmated Sandpiper, 60; Western Sandpiper, 1; Sanderling, 417; Great Black-backed Gull, 40; Herring Gull, 465; Ring-billed Gull, 456; Bonaparte's Gull, 14; Mourning Dove, 26; Belted Kingfisher, 4; Yellow-shafted Flicker, 8; Downy Woodpecker, 3; Horned Lark, 7; Am. Crow, 4000; Fish Crow, 300; Carolina Chickadee, 6; Tufted Titmouse, 2; Brown-headed Nuthatch, 3; Carolina Wren, 2; Mockingbird, 1; Golden-crowned Kinglet, 8; Loggerhead Shrike, 1; Common Starling, 205; Myrtle Warbler, 241; House Sparrow, 44; Eastern Meadowlark, 197; Red-winged Blackbird, 700; Boat-tailed Grackle, **620**; Purple Grackle, 1; Brown-headed Cowbird, 60; Cardinal, 21; Eastern Towhee, 2; Savannah Sparrow, 8; Slate-colored Junco, 1; White-throated Sparrow, 50; Fox Sparrow, 7; Swamp Sparrow, 8; Song Sparrow, 36. **Total,** 82 species; about 31,160 individuals. [All 3 reports submitted by Scott exceptionally neat, well prepared and thoroughly documented—Ed.]—P. A. DuMont, E. J. Hayward, F. R. Scott (compiler), C. C. Steirly, Harriet A. Sutton, J. M. Valentine, Jr.

169. **Fort Belvoir, Va.** (same area as previous year; tidal water 30%, deciduous woods 25%, pine woods 15%, pasture 10%, open fields 10%, town suburbs 5%, cattail marsh 5%).—Dec. 23; 6:15 a.m. to 4:30 p.m. Rain to 11 a.m., misty thereafter; temp. 48° to 55°; wind NW, 0-5 m.p.h.; ground bare, water ice-free. Fifteen observers in 5 parties. Total party-hours, 59 (45 on foot, 14 by car); total party-miles, 173 (48 on foot, 125 by car). Common Loon, 3; Horned Grebe, 1; Great Blue Heron, 3; Canada Goose, 8; Mallard, 106; Black Duck, 132; Redhead, 5; Canvas-back, 2; scaup (sp.), 86; Lesser Scaup, 1; Buffle-head, 1; Ruddy Duck, 288; Am. Merganser, 68; Sharp-shinned Hawk, 1; Red-tailed Hawk, 13; Bald Eagle, 6; Marsh Hawk, 4; Sparrow Hawk, 1; Bob-white, 22; Killdeer, 140; **Am. Woodcock, 2** (performing flight song); Herring Gull, 32; Ring-billed Gull, 3; Mourning Dove, 88; Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 38; Pileated Woodpecker, 6; Red-bellied Woodpecker, 32; Yellow-bellied Sapsucker, 8; Hairy Woodpecker, 3; Downy Woodpecker, 40; Eastern Phoebe, 1; Blue Jay, 59; Am. Crow, 192; Carolina Chickadee, 217; Tufted Titmouse, 55; White-breasted Nuthatch, 19; Brown Creeper, 11; Carolina Wren, 31; Mockingbird, 54; Am. Robin, 6; Hermit Thrush, 3; Eastern Bluebird, 43; Golden-crowned Kinglet, 35; Ruby-crowned Kinglet, 2; Water Pipit, 3; Common Starling, 1544; Myrtle Warbler, 13; House Sparrow, 164; Eastern Meadowlark, 82; Red-winged Blackbird, 98; Rusty Blackbird, 100; Cardinal, 156; Am. Goldfinch, 81; Eastern Towhee, 2; Savannah Sparrow, 2; Slate-colored Junco, 1160; Am. Tree Sparrow, 20; Field Sparrow, 141; White-throated Sparrow, 322; Swamp Sparrow, 7; Song Sparrow, 143. **Total,** 63 species; about 5915 individuals.—J. M. Abbott (compiler), Paul Bartsch, John Boyd, Robert Caswell, Edwin G. Davis, Charles Dillon, P. A. DuMont, Morgan Gilbert, Adam Hubbell, G. Mersereau, D. Pierce, G. Sigel, Harriet Sutton, Mollie Theban, Joe Turner.

170. **Glade Spring, Va.** (same area as last year; farmland and pastures 40%, deciduous woods 30%, mixed pine and deciduous woods 15%, riverbottoms 13%, marsh and ponds 2%).—Dec. 28; 7 a.m. to 5:30 p.m. Clear a.m., partly cloudy p.m.; temp. 35° to 50°; wind SW, 0-20 m.p.h. Six observers in 3 parties. Total party-hours, 20 (16 on foot, 4 by car); total party-miles, 71 (16 on foot, 55 by car). Pied-billed Grebe, 5; **Blue Goose, 1** (carefully identified at close range); Mallard, 37; Black Duck, 1; Green-winged Teal, 8; Ring-necked Duck, 3; Ruddy Duck, 1; Turkey Vulture, 41; Black Vulture, 19; Cooper's Hawk, 1; Sparrow Hawk, 4; Bob-white, 2; Am. Coot, 19; Killdeer, 21; Mourning Dove, 107; Belted Kingfisher, 4; Yellow-shafted Flicker, 1; Pileated Woodpecker, 4; Red-bellied Woodpecker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 10; Eastern Phoebe, 2; Blue Jay, 42; Am. Crow, 110; Carolina Chickadee, 28; Tufted Titmouse, 16; White-breasted Nuthatch, 8; Winter Wren, 3; Carolina Wren, 16; Mockingbird, 21; Brown Thrasher, 1; Eastern Bluebird, 4; Golden-crowned Kinglet, 3; Loggerhead Shrike, 1; Common Starling, 2500; House Sparrow, 200; Eastern Meadowlark, 59; Red-winged Blackbird, 2; Purple Grackle, 1; Brown-headed Cowbird, 12; Cardinal, 54; Am. Goldfinch, 25; Slate-colored Junco, 46; Field Sparrow, 56; White-crowned Sparrow, 24; White-throated Sparrow, 17; Fox Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 27. **Total,** 49 species; about 3576 individuals. (Seen in area count period: Pintail, Hooded Merganser.)—Lee Douglas, Ben B. Dulaney, Paul S. Dulaney (compiler), Sara Dulaney, A. R. Shields, Jane D. White.

171. **Hog Island, Northampton Co., Va.** (entire length of island and Hog Island Bay west via North Channel to ½ mile of mainland; open bay 15%, sand dunes 15%, ocean beach 25%, salt and brackish marshes 20%, mud and sand flats 15%, myrtle thickets 10%).—Dec. 28; 7:45 a.m. to 4 p.m. Clear; temp. 42° to 55°; wind S, 5-20 m.p.h.; ground bare, water open. Three observers in 1-3 parties. Total party-hours, 14; (12 on foot, 2 by motorboat); total party-miles, 30 (15 on foot, 15 by boat). Common Loon, 14; Red-throated Loon, 6; Horned Grebe, 297; Gan-

net, 1; Great Blue Heron, 7; Am. Egret, 3; Louisiana Heron, **8**; Am. Bittern, 2; Canada Goose, 12; Am. Brant, 202; Snow Goose, 220; Black Duck, 113; Am. Golden-eye, 30; Buffle-head, 138; White-winged Scoter, 1; Surf Scoter, 92; Am. Scoter, 43; Hooded Merganser, 30; Red-breasted Merganser, 38; Marsh Hawk, 3; **Am. Oyster-catcher, 50** (actual count); Black-bellied Plover, 179; **Ruddy Turnstone, 8**; Red-backed Sandpiper, 1996; Sanderling, 65; Great Black-backed Gull, 7; Herring Gull, 452; Ring-billed Gull, 145; Yellow-shafted Flicker, 1; Am. Crow, 8; Myrtle Warbler, 53; Eastern Meadowlark, 18; Savannah Sparrow, 3; Sharp-tailed Sparrow, 1; Song Sparrow, 3. **Total,** 35 species; about 4249 individuals.— F. R. Scott (compiler), C. C. Steirly, J. M. Valentine, Jr.

172. **Hopewell, Va.** (Presquile National Wildlife Refuge and vicinity; same area and habitat percentages as last 2 years).—Dec. 30; 6:15 a.m. to 5:30 p.m. Clear; temp. 25° to 39°; wind SW, 10-25 m.p.h.; ground bare, water open. Three observers in 3 parties. Total party-hours, 28 (20 on foot, 2 by car, 6 by boat); total party-miles, 104 (13 on foot, 80 by car, 11 by boat). Pied-billed Grebe, 6; Great Blue Heron, 41; Am. Egret, 1; Canada Goose, 6900; Snow Goose, 6; Blue Goose, 74; Mallard, 4800; Black Duck, 2000; Am. Widgeon, 37; Pintail, 42; Wood Duck, 403; Ring-necked Duck, 15; Am. Golden-eye, 9; Ruddy Duck, 346; Hooded Merganser, 4; Am. Merganser, 9; Turkey Vulture, 18; Black Vulture, 5; Sharp-shinned Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Bald Eagle, 6; Marsh Hawk, 1; Sparrow Hawk, 10; Bob-white, 3; Turkey, 2; Killdeer, 111; Herring Gull, 18; Ring-billed Gull, 347; Mourning Dove, 275; Screech Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 20; Pileated Woodpecker, 3; Red-bellied Woodpecker, 24; Yellow-bellied Sapsucker, 11; Hairy Woodpecker, 6; Downy Woodpecker, 18; Eastern Phoebe, 13; Horned Lark, 150; Blue Jay, 4; Am. Crow, 136; Carolina Chickadee, 50; Tufted Titmouse, 42; White-breasted Nuthatch, 5; Brown Creeper, 5; **House Wren, 2** (C.S.); Winter Wren, 6; Carolina Wren, 54; Mockingbird, 34; Am. Robin, 2; Hermit Thrush, 5; Eastern Bluebird, 42; Golden-crowned Kinglet, 32; Ruby-crowned Kinglet, 10; Cedar Waxwing, 7; Loggerhead Shrike, 4; Common Starling, 296; Myrtle Warbler, 40; House Sparrow, 61; Eastern Meadowlark, 286; Red-winged Blackbird, 200; Brown-headed Cowbird, 300; Cardinal, 150; Purple Finch, 2; Am. Goldfinch, 62; Eastern Towhee, 2; Savannah Sparrow, 7; Slate-colored Junco, 431; Field Sparrow, 28; White-throated Sparrow, 411; Fox Sparrow, 6; Swamp Sparrow, 8; Song Sparrow, 95. **Total,** 74 species; about 18,573 individuals.—F. R. Scott (compiler), C. E. Stevens, J. R. Walther.

173. **Lexington, Va.** (same area as former years).—Dec. 26; 7 a.m. to 5 p.m. Overcast; temp. 32° to 45°; wind NW, 10-15 m.p.h.; ground clear, streams and ponds open. Seven observers in 3 parties. Total party-hours, 30 (27 on foot, 3 by car); total party-miles, 109 (31 on foot, 78 by car). Pied-billed Grebe, 2; Great Blue Heron, 2; Mallard, 19; Pintail, 1; Turkey Vulture, 10; Black Vulture, 8; Cooper's Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 4; Bob-white, 38; Killdeer, 12; Wilson's Snipe, 5; Mourning Dove, 123; Belted Kingfisher, 4; Yellow-shafted Flicker, 3; Pileated Woodpecker, 7; Red-bellied Woodpecker, 14; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 15; Eastern Phoebe, 4; Horned Lark, 6; Blue Jay, 14; Common Raven, 1; Am. Crow, 1332; Black-capped Chickadee, 3; Carolina Chickadee, 46; Tufted Titmouse, 68; White-breasted Nuthatch, 10; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 35; Mockingbird, 29; Hermit Thrush, 1; Eastern Bluebird, 28; Golden-crowned Kinglet, 5; Cedar Waxwing, 33; Loggerhead Shrike, 7; Common Starling, 495; Myrtle Warbler, 23; House Sparrow, 185; Eastern Meadowlark, 63; Cardinal, 124; Purple Finch, 4; Am. Goldfinch, 40; Slate-colored Junco, 371; Am. Tree Sparrow, 12; Field Sparrow, 28; White-crowned Sparrow, 40; White-throated Sparrow, 197; Fox Sparrow, 1; Song Sparrow, 51. **Total,** 53 species; about 3535 individuals.—R. P. Carroll, Robert Carroll, Jr., David Foster, J. J. Murray (compiler), James Murray, Jr., Robert O. Paxton, Joshua Womeldorf.

174. **Little Creek, Va.** (7½-mile radius centering 1½ miles NE of Kempsville, including Lynnhaven Inlet, Little Creek, eastern portion of Norfolk City, Stumpy Lake; open farmland 25%, pine woodland 10%, deciduous woodland 50%, salt marsh, sand beach, bay, rivers 10%, city suburbs 5%).—Dec. 31; 7 a.m. to 5:15 p.m. Clear; temp. 34° to 60°; wind SW, 8-30 m.p.h.; ground bare and water open. Eleven observers in 6 parties. Total party-hours, 48 (27 on foot, 21 by car); total party-miles, 393 (30 on foot, 363 by car). Common Loon, 11; Red-throated Loon, 37; Horned Grebe, 25; Pied-billed Grebe, 40; Gannet, 32; Double-crested Cormorant, 19; Great Blue Heron, 15; Am. Egret, 3; Black-crowned Night Heron, 3; Canada Goose, 451; **Am. Brant, 75** (present over 2 weeks); Mallard, 36; Black Duck, 52; Am. Widgeon, 406; Pintail, 14; Green-winged Teal, 11; Ring-necked Duck, 776; Canvas-back, 33; Greater Scaup, 25; Lesser Scaup, 65; Am. Golden-eye, 59; Buffle-head, 32; Old-squaw, 3; White-winged Scoter, 15; Surf Scoter, 15; Am. Scoter, 19; Ruddy Duck, 72; Hooded Merganser, 29; Am. Merganser, 1; Red-breasted Merganser, 6074; Turkey Vulture, 45; Black Vulture, 58; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Bald Eagle, 10; Marsh Hawk, 3; Sparrow Hawk, 32; Bob-white, 5; Clapper Rail, 3; **Florida Gallinule,** 3; Am. Coot, 143; Killdeer, 204; Wilson's Snipe, 1; Lesser Yellow-legs, 1; Purple Sandpiper, 1; Red-backed Sandpiper, 17; Sanderling, 25; Great Black-backed Gull, 10; Herring Gull, 2513; Ring-billed Gull, 2960; Laughing Gull, 7; Bonaparte's Gull, 796; Forster's Tern, 24; **Royal Tern, 10** (seen by 2 parties); **Black Skimmer,** 2; Mourning Dove, 38; Screech Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 53; Pileated Woodpecker, 3; Red-bellied Woodpecker, 19; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 16; Eastern Phoebe, 4; **Say's Phoebe,** 1

(collected, first state record); Horned Lark, 25; Blue Jay, 2; Am. Crow, 359; Fish Crow, 30; Carolina Chickadee, 31; Tufted Titmouse, 15; White-breasted Nuthatch, 3; Brown Creeper, 2; House Wren, 4; Winter Wren, 1; Carolina Wren, 65; Mockingbird, 89; Catbird, 3; Brown Thrasher, 7; Am. Robin, 76; Hermit Thrush, 4; Eastern Bluebird, 19; Golden-crowned Kinglet, 27; Ruby-crowned Kinglet, 15; Water Pipit, 210; Cedar Waxwing, 96; Loggerhead Shrike, 9; Common Starling, 7175; Myrtle Warbler, 633; Pine Warbler, 6; Palm Warbler, 58; Common Yellowthroat, 2; House Sparrow, 488; Eastern Meadowlark, 281; Red-winged Blackbird, 15,648; Purple Grackle, 146; Brown-headed Cowbird, 1680; Cardinal, 106; Am. Goldfinch, 116; Eastern Towhee, 35; Savannah Sparrow, 28; Sharp-tailed Sparrow, 6; Seaside Sparrow, 1; Slate-colored Junco, 236; Chipping Sparrow, 37; Field Sparrow, 108; White-throated Sparrow, 457; Fox Sparrow, 5; Swamp Sparrow, 28; Song Sparrow, 128. **Total,** 113 species (1 additional subspecies); 43,973 individuals.—W. G. Akers, Mr. and Mrs. S. E. Breneiser, Mrs. L. E. Burford, M. T. Griffin, Gisela Grimm, H. Hespenheide, F. C. Richardson, W. F. Rountrey, P. W. Sykes, Jr. (compiler), E. Webster, Jr.

175. **Newport News, Va.** (7½-mile radius bounded by Chesapeake Bay, Hampton Roads, James River, Grafton; woodland 30%, open fields 30%, fresh-water ponds 10%, waterfront 30%).—Dec. 29; 7 a.m. to 4 p.m. Rain and snow mixed; temp. 42° to 34°; wind N, 5-15 m.p.h.; ground bare, water open. Ten observers in 5 parties. Total party-hours, 38 (19 on foot, 19 by car); total party-miles, 137 (27 on foot, 110 by car). Common Loon, 1; Red-throated Loon, 3; **Red-necked Grebe,** 1; Horned Grebe, 64; Pied-billed Grebe, 14; Gannet, 79; Double-crested Cormorant, 27; Great Blue Heron, 20; Am. Egret, 5; Yellow-crowned Night Heron, 8; Canada Goose, 1; Mallard, 39; Black Duck, 13; Gadwall, 58; Am. Widgeon, 158; Ring-necked Duck, 13; Lesser Scaup, 2; Am. Golden-eye, 35; Buffle-head, 66; Old-squaw, 1; Surf Scoter, 25; Am. Scoter, 95; Ruddy Duck, 284; Am. Merganser, 4; Red-breasted Merganser, 5; Turkey Vulture, 2; **Cooper's Hawk,** 1; Bald Eagle, 2; Sparrow Hawk, 3; Bob-white, 1; Clapper Rail, 1; Killdeer, 19; Wilson's Snipe, 3; Red-backed Sandpiper, 1; Great Black-backed Gull, 3; Herring Gull, 437; Ring-billed Gull, 98; Laughing Gull, 20; Bonaparte's Gull, 6; Forster's Tern, 47; Mourning Dove, 8; Horned Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 9; Red-bellied Woodpecker, 5; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 6; Tree Swallow, 5; Blue Jay, 12; Am. Crow, 147; Carolina Chickadee, 21; Tufted Titmouse, 23; White-breasted Nuthatch, 5; Brown-headed Nuthatch, 2; Winter Wren, 1; Carolina Wren, 19; Mockingbird, 31; Brown Thrasher, 4; Am. Robin, 2; Eastern Bluebird, 17; Ruby-crowned Kinglet, 1; Cedar Waxwing, 14; Common Starling, 610; **Yellow-breasted Chat,** 1; Myrtle Warbler, 57; Pine Warbler, 4; House Sparrow, 146; Eastern Meadowlark, 35; Red-winged Blackbird, 146; Cardinal, 100; Purple Finch, 6; Am. Goldfinch, 6; Eastern Towhee, 15; Savannah Sparrow, 4; Slate-colored Junco, 41; Field Sparrow, 12; White-throated Sparrow, 243; Fox Sparrow, 13; Song Sparrow, 33. **Total,** 79 species; about 3478 individuals.—John Grey, Rock Comstock, Kay Comstock, C. W. Hacker, M. E. Hathaway, E. R. Neubaum, Doris Smith, W. P. Smith (compiler), Walt Smith, Jr., Mary Alice Talbott.

176. **Norfolk County, Va.** (7½-mile radius centering about 6½ miles NE of Wallaceton, including eastern edge of Dismal Swamp, western part of Northwest River, Great Bridge, Butts Station, Fentress, Deep Creek; open farmland 30%, wooded swampland 24%, mixed woodland 30%, deciduous woodland 5%, pine woodland 10%, marsh 1%).—Dec. 29; 7 a.m. to 5 p.m. Cloudy; rained, snowed, and sleeted from 8:45 a.m. to 2:30 p.m.; temp. 35° to 47°; wind WNW, 10-18 m.p.h.; ground bare and water open. Eight observers in 3 parties. Total party-hours, 28 (10 on foot, 18 by car); total party-miles, 389 (4 on foot, 385 by car). Pied-billed Grebe, 13; Great Blue Heron, 1; Am. Bittern, 1; Canada Goose, 263; Black Duck, 1; Wood Duck, 2; Turkey Vulture, 8; Black Vulture, 23; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 13; Red-shouldered Hawk, 11; Marsh Hawk, 7; Sparrow Hawk, 30; Bob-white, 58; Killdeer, 211; Wilson's Snipe, 7; Herring Gull, 13; Ring-billed Gull, 38; Laughing Gull, 3; Bonaparte's Gull, 7; Mourning Dove, 67, Belted Kingfisher, 6; Yellow-shafted Flicker, 32; Pileated Woodpecker, 4; Red-bellied Woodpecker, 20; Hairy Woodpecker, 4; Downy Woodpecker, 25; Eastern Phoebe, 3; Blue Jay, 8; Am. Crow, 681; Fish Crow, 103; Carolina Chickadee, 35; Tufted Titmouse, 10; White-breasted Nuthatch, 10; House Wren, 3; Winter Wren, 5; Carolina Wren, 39; Mockingbird, 39; Catbird, 8; Brown Thrasher, 12; Am. Robin, 166; Hermit Thrush, 3; Eastern Bluebird, 43; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 14; Water Pipit, 11; Cedar Waxwing, 134; Loggerhead Shrike, 7; Common Starling, 10,000; Myrtle Warbler, 314; Pine Warbler, 11; Palm Warbler, 2; Common Yellowthroat, 1; House Sparrow, 160; Eastern Meadowlark, 358; Red-winged Blackbird, 1,500,000; Rusty Blackbird, 26; Purple Grackle, 500,000; Brown-headed Cowbird, 50,000; Cardinal, 116; Am. Goldfinch, 192; Eastern Towhee, 87; Savannah Sparrow, 76; Slate-colored Junco, 661; Chipping Sparrow, 78; Field Sparrow, 88; White-throated Sparrow, 1179; Fox Sparrow, 59; Swamp Sparrow, 45; Song Sparrow, 111. **Total,** 71 species; about 2,065,789 individuals. [All 3 reports submitted by Sykes well prepared and carefully documented—Ed.]—M. T. Griffin, Gisela Grimm, H. Hespenheide, F. C. Richardson, W. F. Rountrey, P. W. Sykes, Jr. (compiler), E. Webster, Jr., J. R. Withrow.

177. **Rockingham County, Va.** (7½-mile radius from Ottobine, elevation 1160 to 3200 ft.; Silver Lake, lawn and shade trees in town, cottonwood-sycamore riverbottom, open farm woodlot, mixed conifers and hardwoods).—Dec. 26; 8 a.m. to 5 p.m. Cloudy, snow flurries; temp. 30° to 34°; wind NW, 5-10 m.p.h. Five observers in 2 parties. Total party-

hours, 40 (30 on foot, 10 by car); total party-miles, 75 (15 on foot, 60 by car). Pied-billed Grebe, 1; Mallard, 233; Black Duck, 4; Gadwall, 19; Am. Widgeon, 59; Pintail, 9; Green-winged Teal, 1; Shoveller, 1; Ring-necked Duck, 4; Canvas-back, 1; Buffle-head, 2; Ruddy Duck, 1; Turkey Vulture, 351; Black Vulture, 23; Sharp-shinned Hawk, 1; Sparrow Hawk, 6; Ruffed Grouse, 4; Bob-white, 31; Am. Coot, 24; Mourning Dove, 7; Screech Owl, 1; Horned Owl, 1; Belted Kingfisher, 2; Pileated Woodpecker, 2; Red-bellied Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 11; Horned Lark, 1; Blue Jay, 4; **Common Raven, 2**; Am. Crow, 227; Fish Crow, 17; Black-capped Chickadee, 7; Tufted Titmouse, 10; Winter Wren, 2; Carolina Wren, 7; Mockingbird, 10; Hermit Thrush, 1; Eastern Bluebird, 10; Golden-crowned Kinglet, 2; Loggerhead Shrike, 2; Common Starling, 190; Myrtle Warbler, 1; House Sparrow, 41; Eastern Meadowlark, 3; Cardinal, 48; Am. Goldfinch, 11; Eastern Towhee, 1; Slate-colored Junco, 16; Am. Tree Sparrow, 2; Field Sparrow, 9; White-crowned Sparrow, 9; White-throated Sparrow, 14; Fox Sparrow, 1; Song Sparrow, 13. **Total,** 55 species; about 1462 individuals.—Max Carpenter (compiler), Hollen G. Helbert, Harry Jopson, Richard H. Smith, Jr., Fred Swartz.

178. **Warren, Va.** (same area as last year except slightly reduced; open farmland 40%, riverbottom 35%, deciduous woods 15%, pine woods 5%, ponds 5%).—Dec. 28; 6:45 a.m. to 5 p.m. Partly cloudy; temp. 32° to 68°; wind S, 0-20 m.p.h. Two observers in 2 parties. Total party-hours, 20 (15 on foot, 5 by car); total party-miles, 98 (23 on foot, 75 by car). Horned Grebe, 3; Pied-billed Grebe, 4; Great Blue Heron, 1; Mallard, 194; Black Duck, 55; Gadwall, 1; Am. Widgeon, 47; Pintail, 2; Green-winged Teal, 12; **Blue-winged Teal, 3**; Wood Duck, 33; Redhead, 1; Ring-necked Duck, 2; Am. Golden-eye, 2; Ruddy Duck, 3; Hooded Merganser, 2; Turkey Vulture, 16; Black Vulture, 55; Sharp-shinned Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Sparrow Hawk, 3; Bob-white, 22; Turkey, 4; Killdeer, 14; Am. Woodcock, 1 (shot by hunter); Wilson's Snipe, 43; Mourning Dove, 399; Belted Kingfisher, 2; Yellow-shafted Flicker, 6; Pileated Woodpecker, 3; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 23; Eastern Phoebe, 5; Horned Lark, 1; Blue Jay, 17; Am. Crow, 538; Carolina Chickadee, 75; Tufted Titmouse, 30; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 2; Brown Creeper, 3; Winter Wren, 7; **Bewick's Wren, 1** (C.S.); Carolina Wren, 56; Mockingbird, 47; Hermit Thrush, 2; Eastern Bluebird, 54; Golden-crowned Kinglet, 9; Cedar Waxwing, 31; Loggerhead Shrike, 7; Common Starling, 488; Myrtle Warbler, 13; House Sparrow, 39; Eastern Meadowlark, 166; Red-winged Blackbird, 36; Rusty Blackbird, 4; Cardinal, 118; Purple Finch, 2; Am. Goldfinch, 31; Slate-colored Junco, 500; Am. Tree Sparrow, 4; Field Sparrow, 147; White-crowned Sparrow, 14; White-throated Sparrow, 144; Fox Sparrow, 2; Swamp Sparrow, 7; Song Sparrow, 78. **Total,** 71 species; about 3671 individuals. (Seen during period: Herring Gull). [All 3 reports submitted by Stevens exceptionally neat and well prepared—Ed.]—Kenneth Lawless, Charles E. Stevens (compiler).

179. **Chapel Hill, N. C.** (territory around Chapel Hill; oak-hickory climax 30%, low ground thickets and farmland 30%, marsh and lake shores 30%, pine forest 5%, University Campus 5%).—Dec. 30; 5:30 a.m. to 6 p.m. Cloudy to fair; temp. 28° to 35°; wind NW, 12 m.p.h. Ten observers in 8 parties. Total party-hours, 52 (39 on foot, 13 by car); total party-miles, 56 (30 on foot, 26 by car). Pied-billed Grebe, 8; Great Blue Heron, 6; Mallard, 15; Black Duck, 40; Wood Duck, 1; Ring-necked Duck, 75; Lesser Scaup, 4; Ruddy Duck, 6; Hooded Merganser, 25; Turkey Vulture, 21; Black Vulture, 6; Sharp-shinned Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 6; Bob-white, 9; Turkey, 1; Am. Coot, 20; Killdeer, 5; Herring Gull, 10; Mourning Dove, 54; Barred Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 10; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 9; Downy Woodpecker, 25; Eastern Phoebe, 6; Blue Jay, 26; Am. Crow, 86; Carolina Chickadee, 77; Tufted Titmouse, 51; White-breasted Nuthatch, 18; Brown-headed Nuthatch, 14; Winter Wren, 8; Carolina Wren, 33; Mockingbird, 33; Brown Thrasher, 4; Am. Robin, 25; Hermit Thrush, 4; Eastern Bluebird, 88; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 6; Cedar Waxwing, 37; Loggerhead Shrike, 12; Common Starling, 1197; Myrtle Warbler, 23; Pine Warbler, 28; House Sparrow, 38; Eastern Meadowlark, 688; Rusty Blackbird, 8; Orchard Oriole, 1 [no details, not underlined as unusual—Ed.]; Cardinal, 108; Am. Goldfinch, 43; Eastern Towhee, 42; Savannah Sparrow, 3; Slate-colored Junco, 467; Field Sparrow, 76; White-throated Sparrow, 372; Fox Sparrow, 37; Swamp Sparrow, 3; Song Sparrow, 30. **Total,** 65 species; about 4091 individuals. (Seen count period: Canvas-back, Pileated Woodpecker, Brown Creeper, Red-winged Blackbird.)—Roy M. Brown, F. H. Edmister, Ray P. Kaighn, Gerald R. MacCarthy, Lizzie Patterson, Phillips Russell, Wiley B. Sanders, Matt L. Thompson (compiler), Sue R. Thompson, Adelade Walters.

180. **Charlotte, N. C.** (area same as in past 14 years, centering at 7th St. and Briar Creek).—Dec. 29; 7 a.m. to 4:30 p.m. Raw, damp; temp. 28° to 50°; wind N to NW, 15-40 m.p.h.; water open. Ten observers in 4 parties. Total party-hours, 31 (19 on foot, 12 by car); total party-miles, 201 (17 on foot, 184 by car). Pied-billed Grebe, 10; Great Blue Heron, 2; Am. Widgeon, 8; Ring-necked Duck, 4; Red-breasted Merganser, 2; Turkey Vulture, 10; Black Vulture, 12; Red-tailed Hawk, 1; Bob-white, 6; Am. Coot, 2; Killdeer, 64; Mourning Dove, 56; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 5; Blue Jay, 22; Am. Crow, 122; Carolina Chickadee, 42; Tufted Titmouse, 20; White-breasted Nuthatch, 4; Brown-

headed Nuthatch, 11; Brown Creeper, 1; Carolina Wren, 13; Mockingbird, 30; Am. Robin, 43; Hermit Thrush, 2; Eastern Bluebird, 91; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 14; Cedar Waxwing, 612; Loggerhead Shrike, 20; Common Starling, 375; Myrtle Warbler, 7; Pine Warbler, 35; House Sparrow, 48; Eastern Meadowlark, 137; Cardinal, 69; Am. Goldfinch, 18; Eastern Towhee, 10; Savannah Sparrow, 3; Slate-colored Junco, 238; Chipping Sparrow, 5; Field Sparrow, 71; White-throated Sparrow, 178; Swamp Sparrow, 2; Song Sparrow, 28. **Total,** 49 species; about 2477 individuals. (Seen in area count period: Gadwall, Sharp-shinned Hawk, Cooper's Hawk, Marsh Hawk, Palm Warbler, Purple Finch, Fox Sparrow.)—B. R. Chamberlain (compiler), Mrs. B. R. Chamberlain, Norman Chamberlain, J. P. Hamilton, Mrs. W. G. Cobey, Jack H. Fahon, Mr. and Mrs. Joseph R. Norwood, Mrs. E. J. Presser, Bill Smith (Mecklenburg Audubon Club).

181. Greensboro, N. C. (7½-mile radius centering ½ mile SW of transmitter of WBIG, approximately same region as in former years; deciduous and pine woods 25%, thickets 15%, fresh-water lakes and ponds 25%, open fields 15%, marsh and wooded swamps 10%, lawns and parks 10%).—Dec. 29; 2 a.m. to 6 p.m. Cloudy a.m. sunny p.m.; temp. 45° to 29°; wind NW, 15-28 m.p.h. Twenty observers in 9 parties. Total party-hours, 71 (33 on foot, 38 by car); total party-miles, 216 (23 on foot, 193 by car). Horned Grebe, 4; Pied-billed Grebe, 21; Great Blue Heron, 4; Canada Goose, 5; Mallard, 207; Black Duck, 10; Gadwall, 13; Am. Widgeon, 21; Redhead, 6; Ring-necked Duck, 354; Canvas-back, 1; Lesser Scaup, 15; Am. Golden-eye, 2; Buffle-head, 10; Ruddy Duck, 15; Hooded Merganser, 2; Red-breasted Merganser, 1; Turkey Vulture, 27; Black Vulture, 15; Sharp-shinned Hawk, 2; Cooper's Hawk, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 5; Sparrow Hawk, 3; Am. Coot, 85; Killdeer, 142; Wilson's Snipe, 9; **Ring-billed Gull, 7**; **Bonaparte's Gull, 1**; Mourning Dove, 217; Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 18; Pileated Woodpecker, 1; Red-bellied Woodpecker, 17; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 2; Downy Woodpecker, 33; Eastern Phoebe, 18; Horned Lark, 20; Blue Jay, 29; Am. Crow, 252; Carolina Chickadee, 179; Tufted Titmouse, 96; White-breasted Nuthatch, 47; Brown-headed Nuthatch, 39; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 48; Mockingbird, 48; Am. Robin, 7; Hermit Thrush, 4; Eastern Bluebird, 140; Golden-crowned Kinglet, 22; Ruby-crowned Kinglet, 7; Water Pipit, 18; Cedar Waxwing, 159; Loggerhead Shrike, 23; Common Starling, 2897; Myrtle Warbler, 34; Pine Warbler, 32; House Sparrow, 467; Eastern Meadowlark, 285; Red-winged Blackbird, 275; Rusty Blackbird, 10; Purple Grackle, 10; Brown-headed Cowbird, 40; Cardinal, 146; Purple Finch, 1; Am. Goldfinch, 63; Eastern Towhee, 33; Savannah Sparrow, 10; Vesper Sparrow, 9; Slate-colored Junco, 1585; Field Sparrow, 341; White-crowned Sparrow, 13; White-throated Sparrow, 429; Fox Sparrow, 17; Swamp Sparrow, 67; Song Sparrow, 269. **Total,** 82 species; about 9493 individuals. (Seen in area count period: Shoveller, Wood Duck, Brown Thrasher.)—Mrs. F. H. Craft, Larry A. Crawford, Jr., Mrs. J. L. Hege, Mrs. W. S. Holmes, C. R. Lamb, James R. Mattocks, Mrs. R. E. McCoy, Ethel McNairy, Ida Mitchell, Mr. and Mrs. G. W. Perrett, Mrs. Edith L. Settan, Dr. and Mrs. A. D. Shaftesbury, George A. Smith (compiler), Mrs. W. F. Smyre, Thomas E. Street, Hal H. Strickland, Mrs. C. M. Swart, Mrs. W. R. Troxler (Piedmont Bird Club).

182. Jefferson, N. C. (same area as preceding years, 7½-mile radius centering near Todd P. O.).—Dec. 30; 7:45 a.m. to 5:45 p.m. Partly cloudy; temp. 20° to 35°; wind NW to SE, 20-30 m.p.h. ceasing about 4 p.m.; ground with 3-4-in. snow, 2-ft. drifts, ice in streams. Three observers in 2 parties. Total party-hours, 24 (8 on foot, 16 by car and jeep); total party-miles, 46 (10 on foot, 22 by car, 14 by jeep). **Cooper's Hawk, 1**; Red-shouldered Hawk, 1; Mourning Dove, 7; Belted Kingfisher, 2; Hairy Woodpecker, 2; Downy Woodpecker, 5; Eastern Phoebe, 4; Blue Jay, 1; Am. Crow, **135**; Carolina Chickadee, 8; Tufted Titmouse, 9; White-breasted Nuthatch, 1; Carolina Wren, 8; **Mockingbird, 2**; Eastern Bluebird, 8; Common Starling, 3; House Sparrow, 63; Cardinal, 57; Eastern Towhee, 2; Vesper Sparrow, 1; Slate-colored Junco, **181**; Field Sparrow, 68; White-throated Sparrow, 14; Fox Sparrow, 7; Song Sparrow, 37. **Total,** 25 species; about 627 individuals. (Seen count period: Wood Duck, Mallard, Ruffed Grouse, Bob-white, Am. Robin.)—Ray Derrick, Mrs. A. B. Hurt (compiler), James J. Miller.

183. New London, N. C. (7½-mile radius, center 2 miles northwest of Badin, including High Rock Lake, Yadkin River, Badin Lake, Morrow Mountain State Park, Albemarle City Reservoir, Albemarle, Badin, New London; mixed deciduous woodlands 25%, open fields and farmland 27%, fresh-water pond and lake shores 25%, lakes and rivers 15%, marsh 3%, pine woods 2%, town suburbs 3%).—Dec. 29; 2 a.m. to 6 p.m. Rain before daylight, clearing, then partially cloudy; temp. 34° to 56°; wind gusty NW, 25-35 m.p.h.; water open. Seventeen observers in 5 parties. Total party-hours, 39 (17 on foot, 22 by car); total party-miles, 207 (23 on foot, 184 by car). Pied-billed Grebe, 1; Great Blue Heron, 2; **Am. Egret, 1** (carefully identified); **Green Heron, 1** (carefully identified); Canada Goose, 16; Mallard, 95; Black Duck, 85; Lesser Scaup, 4; Turkey Vulture, 33; Black Vulture, 15; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Marsh Hawk, 5; Sparrow Hawk, 8; Bob-white, 30; Killdeer, 47; Am. Woodcock, 1; Herring Gull, 6; Ring-billed Gull, 104; Mourning Dove, 116; Screech Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 3; Blue Jay, 5; Am. Crow, 84; Carolina Chickadee, 38; Tufted Titmouse, 4; White-breasted Nuthatch, 3; Brown-headed Nuthatch, 3; Brown Creeper, 2; Carolina Wren, 14; Short-billed Marsh Wren, 1; Mock-

ingbird, 13; Brown Thrasher, 3; Am. Robin, 9; Hermit Thrush, 1; Eastern Bluebird, 28; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 4; Cedar Waxwing, 134; Loggerhead Shrike, 8; Common Starling, 800; Pine Warbler, 2; House Sparrow, 100; Eastern Meadowlark, 119; Red-winged Blackbird, 65; Purple Grackle, 8; Cardinal, 47; Purple Finch, 4; Pine Siskin, 25; Am. Goldfinch, 70; Eastern Towhee, 21; Savannah Sparrow, 1; Vesper Sparrow, 1; Slate-colored Junco, **1700**; Chipping Sparrow, 19; Field Sparrow, 129; White-throated Sparrow, **301**; Swamp Sparrow, 4; Song Sparrow, 6. **Total,** 67 species; about 4390 individuals.—Mrs. Barret Crook, Susan Green, Donald Maner, Mrs. L. A. Price, Steve Starling, John Trott (compiler), Jane Turner, Anne Whitlock, Mrs. J. U. Whitlock, Mike Wilder.

184. North Wilkesboro, N. C. (12-mile diameter; portions of Yadkin River, Reddies River, and Moravian Creek valleys; mixed woods 40%, open fields 55%, town streets 5%).—Dec. 28; 7 a.m. to 5:30 p.m. Clear; temp. 32° to 60°; wind N, 2-25 m.p.h.; ground bare. Ten observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 21 (6 on foot, 15 by car). Turkey Vulture, 2; Mourning Dove, 4; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 2; Downy Woodpecker, 2; Eastern Phoebe, 1; Blue Jay, 5; Am. Crow, 11; Carolina Chickadee, 22; Tufted Titmouse, 11; White-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 16; Mockingbird, 3; Am. Robin, 4; Hermit Thrush, 3; Eastern Bluebird, 18; Ruby-crowned Kinglet, 1; Water Pipit, 25; Cedar Waxwing, 38; Loggerhead Shrike, 1; Common Starling, 33; Myrtle Warbler, 2; House Sparrow, 20; Eastern Meadowlark, 95; Cardinal, 21; Am. Goldfinch, 10; Eastern Towhee, 6; Slate-colored Junco, 73; Field Sparrow, 26; White-throated Sparrow, 37; Song Sparrow, 33. **Total,** 35 species; about 533 individuals.—Mr. and Mrs. G. J. Earp, Mrs. Wendell P. Smith, Wendell P. Smith (compiler).

185. Raleigh, N. C. (practically same area as previous counts; lakes and small ponds 25%, mixed pine and deciduous woodland 40%, deciduous woodland 20%, open fields 15%).—Dec. 27; 7:30 a.m. to 5:30 p.m. Partly cloudy to cloudy; temp. 32° to 48°; wind NW, 10-0 m.p.h.; ground bare, water open. Five observers in 3 parties. Total party-hours, 30 (24 on foot, 6 by car); total party-miles, 45 (25 on foot, 20 by car). Pied-billed Grebe, 1; Mallard, 80; Black Duck, 4; Gadwall, 4; Am. Widgeon, 5; Ring-necked Duck, 100; Canvas-back, 3; Lesser Scaup, 50; Bufflehead, 4; Ruddy Duck, 12; Hooded Merganser, 2; Turkey Vulture, 4; Red-tailed Hawk, 7; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Am. Coot, 30; Killdeer, 4; Mourning Dove, 50; Belted Kingfisher, 3; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 7; Eastern Phoebe, 3; Blue Jay, 61; Am. Crow, 20; Carolina Chickadee, 12; Tufted Titmouse, 32; White-breasted Nuthatch, 8; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 22; Mockingbird, 43; Brown Thrasher, 4; Am. Robin, 5; Eastern Bluebird, 75; Golden-crowned Kinglet, 11; Ruby-crowned Kinglet, 8; **Water Pipit, 35**; Cedar Waxwing, 35; Loggerhead Shrike, 11; Common Starling, 475; Myrtle Warbler, 6; Pine Warbler, 6; House Sparrow, 400; Eastern Meadowlark, 340; Cardinal, 45; Am. Goldfinch, 35; Eastern Towhee, 21; Savannah Sparrow, 12; Vesper Sparrow, 4; Slate-colored Junco, 225; Field Sparrow, 175; White-throated Sparrow, 75; Swamp Sparrow, 5; Song Sparrow, 55. **Total,** 58 species; about 2678 individuals.—J. F. Greene, J. W. Johnson, E. W. Winkler, Mrs. D. L. Wray, D. L. Wray (compiler).

186. Wilmington, N. C. (7½-mile radius centering on Monkey Junction on Carolina Beach Road, including Wrightsville Beach and Sound, Masonboro and Greenville Sounds, Winter Park; Orton, Pleasant Oaks and Clarendon Plantations, Cape Fear River, Greenfield Lake; mixed pine and deciduous woodland 60%, fresh-water ponds and river 15%, beach and salt-water marsh 20%, pasture 5%).—Dec. 29; 6 a.m. to 5 p.m. Overcast with occasional sun; temp. 33° to 61°; wind N to NW, average 18 m.p.h. with gusts to 34 m.p.h.; ground bare, water open. Sixteen observers in 8 parties. Total party-hours, 85 (43 on foot, 38 by car, 4 by boat); total party-miles, 389 (46 on foot, 337 by car, 6 by boat). Common Loon, 38; Red-throated Loon, 18; **Red-necked Grebe,** 1 (C.M.A.); Horned Grebe, 63; Pied-billed Grebe, 44; Brown Pelican, 2; Gannet, **183**; Double-crested Cormorant, 42; Great Blue Heron, 32; Am. Egret, 42; Snowy Egret, 5; Louisiana Heron, 16; Green Heron, 1; Black-crowned Night Heron, 4; **Yellow-crowned Night Heron,** 1; Am. Bittern, 2; Canada Goose, 285; **Am. Brant,** 4 (S.B.); Snow Goose, 1; Blue Goose, 1; Mallard, 595; Black Duck, 26; Gadwall, 27; Am. Widgeon, 176; Pintail, 170; Green-winged Teal, 270; Blue-winged Teal, 25; Wood Duck, 52; Redhead, 180; Ring-necked Duck, 17; Canvas-back, 200; Greater Scaup, 7; Lesser Scaup, 42; Am. Goldeneye, 1; Buffle-head, 44; Old-squaw, 3; Am. Scoter, 30; Ruddy Duck, 22; Hooded Merganser, 96; Am. Merganser, 2; Red-breasted Merganser, 77; Turkey Vulture, 16; Black Vulture, 19; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Bald Eagle, 7; Marsh Hawk, 7; Osprey, 3; Sparrow Hawk, 34; Bob-white, 32; King Rail, 2; Clapper Rail, 113; Florida Gallinule, 2; Am. Coot, 1270; Am. Oyster-catcher, 21; Piping Plover, 2; Ringed Plover, 2; Killdeer, 64; Black-bellied Plover, 70; Ruddy Turnstone, 1; Am. Woodcock, 8; Wilson's Snipe, 23; Willet, 6; Greater Yellow-legs, 6; Lesser Yellow-legs, 13; Purple Sandpiper, 4; Least Sandpiper, 2; Red-backed Sandpiper, 126; Dowitcher, 9; Semipalmated Sandpiper, 38; Sanderling, 145; **Great Black-backed Gull,** 2; Herring Gull, 417; Ring-billed Gull, 645; Laughing Gull, 8; Bonaparte's Gull, 4; Forster's Tern, 86; Common Tern, 23; Royal Tern, 18; Caspian Tern, 3; Black Skimmer, 125; Mourning Dove, 272; Barn Owl, 1; Screech Owl, 3; Horned Owl, 1; Barred Owl, 2; **Long-eared Owl,** 1 (S.B.); Short-eared Owl, 2; Belted Kingfisher, 27; Yellow-shafted Flicker, 56; Pileated Woodpecker, 1;

Red-bellied Woodpecker, 22; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 5; Downy Woodpecker, 19; Red-cockaded Woodpecker, 23; **Western Kingbird, 5**; Eastern Phoebe, 17; Tree Swallow, 26; Blue Jay, 110; Am. Crow, 139; Fish Crow, 95; Carolina Chickadee, 57; Tufted Titmouse, 58; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 4; Brown-headed Nuthatch, 82; Brown Creeper, 2; House Wren, 7; Winter Wren, 6; Carolina Wren, 32; Long-billed Marsh Wren, 6; Short-billed Marsh Wren, 5; Mockingbird, 72; Catbird, 10; Brown Thrasher, 15; Am. Robin, 442; Hermit Thrush, 9; Eastern Bluebird, 64; Blue-gray Gnatcatcher, 3; Golden-crowned Kinglet, 54; Ruby-crowned Kinglet, 73; Water Pipit, 481; Cedar Waxwing, 117; Loggerhead Shrike, 23; Common Starling, 200; Solitary Vireo, 1; Myrtle Warbler, 358; Pine Warbler, 49; Palm Warbler, 12; Common Yellowthroat, 10; House Sparrow, 200; **Bobolink, 30** (in old rice field—S.B.); Eastern Meadowlark, 234; Red-winged Blackbird, 1265; **Baltimore Oriole, 1**; Boat-tailed Grackle, 40; Purple Grackle, 62; Brown-headed Cowbird, 12; Cardinal, 84; Purple Finch, 40; Am. Goldfinch, 93; Eastern Towhee, 253; Savannah Sparrow, 90; **Henslow's Sparrow, 2**; Seaside Sparrow, 28; **Ipswich Sparrow, 8**; Vesper Sparrow, 68; Slate-colored Junco, 358; Chipping Sparrow, 261; Field Sparrow, 128; White-throated Sparrow, 884; Fox Sparrow, 71; Swamp Sparrow, 35; Song Sparrow, 294. **Total,** 158 species; about 13,868 individuals. (Seen in area count week: Little Blue Heron, Shoveller.)—Cecil Appleberry, Edna Appleberry (compiler), Mrs. Mary Baker, Sam Baker, Barney Barnhill, Mrs. Cyril K. Bryan, Clifford Comeau, John Evans, John M. Irvine, Jr., John M. Irvine, Bill James, Claude McAllister, Mrs. Polly Mebane, Steve Messenger, Bill Roe, Mrs. Mary Urich.

187. Winston-Salem, N. C. (7½-mile radius including Salem Lake, parks, schools, Reynolda, county farm; lake shores 20%, deciduous woods 20%, pine-woods 10%, open fields 40%, parks 10%).—Jan. 1; 7 a.m. to 5:30 p.m. Mostly cloudy; temp. 30° to 49°; wind SW, 0-10 m.p.h. Six observers in 3 parties. Total party-hours, 25 (20 on foot, 5 by car); total party-miles, 25 (20 on foot, 5 by car). Common Loon, 1; Pied-billed Grebe, 6; Great Blue Heron, 1; Mallard, 8; Black Duck, 2; Ring-necked Duck, 6; Am. Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Killdeer, 1; Mourning Dove, 34; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 1; Blue Jay, 14; Am. Crow, 42; Carolina Chickadee, 25; Tufted Titmouse, 10; White-breasted Nuthatch, 10; Carolina Wren, 16; Mockingbird, 28; Brown Thrasher, 1; Am. Robin, 10; Hermit Thrush, 1; Eastern Bluebird, 73; Golden-crowned Kinglet, 7; Cedar Waxwing, 42; Loggerhead Shrike, 10; Common Starling, 150; Myrtle Warbler, 7; Pine Warbler, 2; House Sparrow, 70; Eastern Meadowlark, 101; Cardinal, 143; Am. Goldfinch, 23; Eastern Towhee, 10; Slate-colored Junco, 177; Field Sparrow, 61; White-crowned Sparrow, 22; White-throated Sparrow, 165; Fox Sparrow, 3; Swamp Sparrow, 3; Song Sparrow, 42. **Total,** 47 species; about 1346 individuals.—Charles M. Frost, Edward Kissam, Dr. and Mrs. Thomas W. Simpson, Merrill P. Spencer, R. H. Witherington (compiler).

188. Aiken, S. C. (same area as last year; 7½-mile radius centered on Aiken Training Track; swamps and ponds 35%, pasture, plowed, and abandoned fields 24%, pine and hardwood forest 20%, burned woods 9%, suburbs 7%, farmland 5%).—Dec. 31; 5:15 a.m. to 6:15 p.m. Clear; temp. 41° to 71°; wind SW, 6-15 m.p.h. Three observers in 1 party. Total party-hours, 12 (10 on foot, 2 by car); total party-miles, 90 (10 on foot, 80 by car). Pied-billed Grebe, 6; Great Blue Heron, 3; Hooded Merganser, 1; Turkey Vulture, 22; Black Vulture, 146; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Sparrow Hawk, 4; Bob-white, 1; Am. Coot, 2; Killdeer, 262; Wilson's Snipe, 1; **Bonaparte's Gull, 1**; Mourning Dove, 13; Screech Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 3; Eastern Phoebe, 4; Blue Jay, 6; Am. Crow, 8; Carolina Chickadee, 2; Tufted Titmouse, 4; Brown-headed Nuthatch, 11; Winter Wren, 2; Carolina Wren, 7; Long-billed Marsh Wren, 1; Mockingbird, 7; Brown Thrasher, 4; Am. Robin, 1; Hermit Thrush, 5; Eastern Bluebird, 20; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 16; Cedar Waxwing, 185; Loggerhead Shrike, 6; Common Starling, 903; Solitary Vireo, 1; Myrtle Warbler, 16; Pine Warbler, 8; Palm Warbler, 3; Common Yellowthroat, 3; House Sparrow, 56; Eastern Meadowlark, 3; Red-winged Blackbird, 20; Rusty Blackbird, 103; Cardinal, 11; Am. Goldfinch, 8; Eastern Towhee, 16; Savannah Sparrow, 23; Vesper Sparrow, 1; Slate-colored Junco, 65; Chipping Sparrow, 38; Field Sparrow, 45; White-throated Sparrow, 90; Fox Sparrow, 1; Swamp Sparrow, 32; Song Sparrow, 23. **Total,** 62 species; about 2247 individuals.—J. Fred Denton, Robert A. Norris, William Post, Jr. (compiler).

189. Charleston, S. C. (same area as in preceding years; continued deficient rainfall, resulting in drying up of all low spots and most ponds, markedly cutting down bird populations and some species).—Dec. 27; 7 a.m. to 5 p.m. Clear, frost; temp. 33° to 60°; wind SW to WSW to SSW, 8-20 m.p.h. Seventeen observers in 6 parties (1 party started 5 a.m., 2 stopped 4 p.m.). Total party-hours, 54 (42 on foot, 9 by car, 3 by boat); total party-miles, 225 (41 on foot, 174 by car, 10 by boat). Common Loon, 3; Horned Grebe, 42; Pied-billed Grebe, 23; Brown Pelican, 16; Double-crested Cormorant, 27; Great Blue Heron, 36; Am. Egret, 6; Snowy Egret, 11; Louisiana Heron, 11; Little Blue Heron, 9; Black-crowned Night Heron, 2; **Yellow-crowned Night Heron, 1**; White Ibis, 6; Mallard, 15; Black Duck, 30; Gadwall, 15; Am. Widgeon, 75; Blue-winged Teal, 1; Shoveller, 7; Redhead, 1; Buffle-head, 19; scoter (sp.), 81; Ruddy Duck, 1; Hooded Merganser, 15; Red-breasted Merganser, 29; Turkey Vulture, 37; Black Vulture, 53;

Sharp-shinned Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 6; Bald Eagle, 7; Marsh Hawk, 10; Sparrow Hawk, 18; Bob-white, 20; Turkey, 14; Clapper Rail, 10; Am. Oyster-catcher, 53; Piping Plover, 1; Ringed Plover, 6; Killdeer, 26; Black-bellied Plover, 32; Ruddy Turnstone, 4; Am. Woodcock, 1; Wilson's Snipe, 4; Spotted Sandpiper, 1; Willet, 16; Greater Yellow-legs, 16; Lesser Yellow-legs, 4; Least Sandpiper, 8; Red-backed Sandpiper, 72; Dowitcher, 32; Western Sandpiper, 13; Sanderling, 40; Herring Gull, 48; Ring-billed Gull, 108; Forster's Tern, 1; Common Tern, 8; Royal Tern, 8; Caspian Tern, 7; Mourning Dove, 55; Ground Dove, 7; Screech Owl, 2; Horned Owl, 1; Belted Kingfisher, 20; Yellow-shafted Flicker, 82; Pileated Woodpecker, 17; Red-bellied Woodpecker, 43; Red-headed Woodpecker, 17; Yellow-bellied Sapsucker, 28; Hairy Woodpecker, 4; Downy Woodpecker, 23; Red-cockaded Woodpecker, 3; Eastern Phoebe, 42; Blue Jay, 111; Am. Crow, 107; Fish Crow, 10; Carolina Chickadee, 75; Tufted Titmouse, 49; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 22; Brown Creeper, 10; House Wren, 8; Winter Wren, 11; Carolina Wren, 46; Mockingbird, 27; Catbird, 4; Brown Thrasher, 30; Am. Robin, 2250+; Hermit Thrush, 21; **Olive-backed Thrush, 1** (carefully studied at close range by 2 competent observers); Eastern Bluebird, 56; Blue-gray Gnatcatcher, 2; Golden-crowned Kinglet, 29; Ruby-crowned Kinglet, 116; Water Pipit, 20; Loggerhead Shrike, 20; Common Starling, 27; White-eyed Vireo, 3; Solitary Vireo, 8; Orange-crowned Warbler, 4; Myrtle Warbler, 388+; Pine Warbler, 37; Palm Warbler, 12; Common Yellowthroat, 1; House Sparrow, 28; Eastern Meadowlark, 145; Red-winged Blackbird, 406; Rusty Blackbird, 110; **Brewer's Blackbird, 75** (carefully identified—R.D.E.; S.C. records increasing); Boat-tailed Grackle, 16; Purple Grackle, 1; Brown-headed Cowbird, 20; Cardinal, 94; Am. Goldfinch, 68; Eastern Towhee, 214; Ipswich Sparrow, 1; Savannah Sparrow, 50; Henslow's Sparrow, 6; Sharp-tailed Sparrow, 2; Seaside Sparrow, 3; Vesper Sparrow, 33; Slate-colored Junco, 126; Chipping Sparrow, 39; Field Sparrow, 69; White-throated Sparrow, 305; Fox Sparrow, 19; Swamp Sparrow, 10; Song Sparrow, 81. **Total,** 128 species (2 additional subspecies); about 6945 individuals. [Carefully prepared report with details for all unusual observations—Ed.]—Mrs. Francis Barrington, T. A. Beckett III, Edmund Blitch, E. B. Chamberlain (compiler), Mr. and Mrs. R. H. Coleman, E. A. Cutts, E. S. Dingle, R. D. Edwards, R. D. Edwards, Jr., R. E. Fritzsche, Julian Harrison, I. S. H. Metcalf, J. A. Quinby, Thomas Uzzell, A. M. Wilcox, E. A. Williams (members and guests Charleston Natural History Society).

190. Columbia, S. C. (same general area as in preceding years, except Congaree Creek omitted, Stix Fish Hatchery and Columbia Airport area included; deciduous river and creek swamps 20%, pine woods 20%, open fields 30%, lake shores 15%, urban 15%). —Dec. 29; 6:45 a.m. to 5:30 p.m. Clear to overcast; temp. 35° to 45°; wind W to NW, 5-20 m.p.h. Ten observers in 6 parties. Total party-hours, 57 (43 on foot, 14 by car); total party-miles, 159 (12 on foot, 147 by car). Pied-billed Grebe, 9; Great Blue Heron, 5; Canada Goose, **200**; Ring-necked Duck, 33; Turkey Vulture, 6; Black Vulture, 25; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 16; Bob-white, 17; Killdeer, 11; Am. Woodcock, 2; Wilson's Snipe, 3; Herring Gull, 1; Ring-billed Gull, 12; Mourning Dove, 13; Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 39; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 5; Downy Woodpecker, 4; Eastern Phoebe, 9; Blue Jay, 35; Am. Crow, 41; Carolina Chickadee, 32; Tufted Titmouse, 39; White-breasted Nuthatch, 2; Brown-headed Nuthatch, 10; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 24; Mockingbird, 40; Brown Thrasher, 11; Am. Robin, 356; Hermit Thrush, 16; Eastern Bluebird, 104; **Blue-gray Gnatcatcher, 1** (carefully identified); Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 85; Cedar Waxwing, 396; Loggerhead Shrike, 20; Common Starling, 156; **Black and White Warbler, 1** (carefully identified); Orange-crowned Warbler, 1; Myrtle Warbler, 66; Pine Warbler, 33; Common Yellowthroat, 2; House Sparrow, 130; Eastern Meadowlark, 190; Red-winged Blackbird, 135; Rusty Blackbird, 750; Purple Grackle, 1; Cardinal, 146; Am. Goldfinch, 72; Eastern Towhee, 40; Savannah Sparrow, 4; Slate-colored Junco, 304; Chipping Sparrow, 386; Field Sparrow, 471; White-throated Sparrow, 343; Fox Sparrow, 5; Swamp Sparrow, 7; Song Sparrow, 159. **Total,** 65 species; about 5054 individuals.—Gordon H. Brown (compiler), Mrs. Theo Hartin, Mr. and Mrs. P. B. Hendrix, David Monteith, Fred Sample, Charles I. Simmons, Mrs. Kay Sisson, Mr. and Mrs. Douglas E. Wade.

191. Eastover, S. C. (approximately same area as in other years).—Dec. 31; 8 a.m. to 6 p.m. Clear; temp. 37° to 69°; wind SW, 15 to 20 m.p.h. Two observers in 1 party. Total party-hours, 8 (1 on foot, 7 by car); total party-miles, 25 (½ on foot, 24½ by car). Pied-billed Grebe, 5; **Blue Goose, 1**; Mallard, 4; Wood Duck, 1; Redhead, 1; Ring-necked Duck, 27; Ruddy Duck, 1; Hooded Merganser, 2; Turkey Vulture, 1; Black Vulture, 9; Red-shouldered Hawk, 2; Marsh Hawk, 8; Pigeon Hawk, 1; Sparrow Hawk, 4; Am. Coot, 1; Killdeer, 1; Wilson's Snipe, 3; Mourning Dove, 14; Belted Kingfisher, 1; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Eastern Phoebe, 3; Blue Jay, 3; Am. Crow, 17; Carolina Chickadee, 3; Tufted Titmouse, 4; Brown-headed Nuthatch, 3; Winter Wren, 2; Carolina Wren, 2; Mockingbird, 4; Brown Thrasher, 2; Am. Robin, 118; Hermit Thrush, 1; Eastern Bluebird, 12; Ruby-crowned Kinglet, 4; Water Pipit, 9; Cedar Waxwing, 3; Loggerhead Shrike, 8; Common Starling, 7; Myrtle Warbler, 18; Pine Warbler, 9; Palm Warbler, 3; House Sparrow, 56; Eastern Meadowlark, 44; Red-winged Blackbird, 46; Brown-headed Cowbird, 80; Cardinal, 19; Am. Goldfinch, 14; Eastern Towhee, 3; Savannah Sparrow, 7; Vesper Sparrow, 5; Slate-colored Junco, 6; Chipping Sparrow, 5; Field Sparrow, 1; White-throated Sparrow, 19; Swamp Sparrow,

3; Song Sparrow, 4. **Total,** 59 species; about 641 individuals. (Seen in area same week: Great Blue Heron, Downy Woodpecker, Fox Sparrow.)—Mrs. William H. Faver, Sr. (compiler), Mrs. Clyde Sisson.

192. **Spartanburg, S. C.** (7½-mile radius, including Zimmerman Lake, Pierce's Lake, Edwin W. Johnson Lake, Sewage Disposal Plant; open farmlands 15%, town suburbs 20%, mixed woodlands 20%, fresh-water lakes, ponds and marshes 45%).—Dec. 30; 8 a.m. to 5:30 p.m. Clear; temp. 27° to 50°; wind SW, 5-10 m.p.h. Twelve observers in 4 parties. Total party-hours, 21 (16 on foot, 5 by car); total party-miles, 97 (12 on foot, 85 by car). Horned Grebe, 1; Pied-billed Grebe, 5; Great Blue Heron, 1; Canada Goose, 8; Mallard, 60; Black Duck, 2; Am. Widgeon, 1; Ring-necked Duck, 75; Ruddy Duck, 10; Turkey Vulture, 7; Black Vulture, 2; Cooper's Hawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 6; Killdeer, 111; Mourning Dove, 87; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 2; Eastern Phoebe, 5; Blue Jay, 62; Am. Crow, 69; Carolina Chickadee, 39; Tufted Titmouse, 25; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 1; Brown Creeper, 2; Carolina Wren, 30; Mockingbird, 22; Brown Thrasher, 3; Am. Robin, 10; Hermit Thrush, 1; Eastern Bluebird, 42; Ruby-crowned Kinglet, 9; Cedar Waxwing, 10; Loggerhead Shrike, 14; Common Starling, 500+; Myrtle Warbler, 4; Pine Warbler, 4; House Sparrow, 68; Eastern Meadowlark, 255; Red-winged Blackbird, 58; Purple Grackle, 2; Cardinal, 31; Am. Goldfinch, 37; Eastern Towhee, 32; Savanah Sparrow, 14; Slate-colored Junco, 147; Chipping Sparrow, 4; Field Sparrow, 28; White-throated Sparrow, 105; Fox Sparrow, 5; Swamp Sparrow, 2; Song Sparrow, 60. **Total,** 59 species; about 2106 individuals.—Flora Beymer, Gabriel Cannon, Louisa Carlisle, Harold Correll, Ruth Crick (compiler), Paul Crosby, Dr. and Mrs. Charles Poole, James Thompson, Dr. and Mrs. J. O. Watkins, Mrs. W. P. Walker.

193. **Atlanta, Ga.** (same area as previous years; fields and pastures 20%, ponds and streams 20%, mixed woods 35%, parks 10%, residential 5%, roadside 5%, marsh 5%).—Dec. 23; 7 a.m. to 6 p.m. Showers all day; temp. 55° to 65°; wind SE, 5-10 m.p.h. Fifteen observers in 7 parties. Total party-hours, 52 (34 on foot, 18 by car); total party-miles, 161 (34 on foot, 127 by car). Pied-billed Grebe, 4; **Great Blue Heron,** 1; Mallard, 14; Ring-necked Duck, 14; Lesser Scaup, 2; Turkey Vulture, 1; Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Sparrow Hawk, 4; Bob-white, 12; Am. Coot, 14; **Florida Gallinule,** 1; Killdeer, 119; Wilson's Snipe, 22; Mourning Dove, 147; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 34; Pileated Woodpecker, 7; Red-bellied Woodpecker, 26; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 4; Downy Woodpecker, 21; Eastern Phoebe, 5; Blue Jay, 91; Am. Crow, 205; Carolina Chickadee, 58; Tufted Titmouse, 52; White-breasted Nuthatch, 10; Brown-headed Nuthatch, 6; Brown Creeper, 2; Winter Wren, 14; Carolina Wren, 36; Mockingbird, 60; Brown Thrasher, 19; Am. Robin, 6; Hermit Thrush, 2; Eastern Bluebird, 45; Golden-crowned Kinglet, 16; Ruby-crowned Kinglet, 25; Water Pipit, 65; Cedar Waxwing, 39; Loggerhead Shrike, 6; Common Starling, 12,257; **Orange-crowned Warbler,** 1 (R.P.); Myrtle Warbler, 7; Pine Warbler, 12; Common Yellowthroat, 1; House Sparrow, 55; Eastern Meadowlark, 156; Red-winged Blackbird, 35,000; Rusty Blackbird, 2012; Purple Grackle, 12,500; Brown-headed Cowbird, 3150; Cardinal, 124; Purple Finch, 15; Am. Goldfinch, 312; Eastern Towhee, 104; Savannah Sparrow, 66; Vesper Sparrow, 2; Slate-colored Junco, 307; Chipping Sparrow, 147; Field Sparrow, 320; **White-crowned Sparrow,** 1; White-throated Sparrow, 642; Fox Sparrow, 82; Swamp, Sparrow, 276; Song Sparrow, 432. **Total,** 71 species; about 69,218 individuals.—Orpha Baber, George Beal, Mr. and Mrs. William Calder, Mrs. Evelyn Crawford, Tom and Ed Collum, Louis Fink, Rufus B. Godwin (compiler), William W. Griffin, Charles Hartshorne, Joe Murphy, Richard Parks, Harold Peters, Ray Werner.

194. **Columbus, Ga.** (4 areas within 7 miles of Columbus, including Park Hill Cemetery, East Lake, Flat Rock Park, Green Island Ranch).—Dec. 31; 7 a.m. to 5 p.m. Clear; temp. 28° to 53°; wind SW, 5-10 m.p.h. Five observers in 2 parties. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 40 (10 on foot 30 by car). Pied-billed Grebe, 1; Turkey Vulture, 4; Cooper's Hawk, 1; Red-shouldered Hawk, 1; Bob-white, 7; Am. Coot, 5; Mourning Dove, 5; Horned Owl, 1; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Eastern Phoebe, 2; Blue Jay, 12; Am. Crow, 22; Carolina Chickadee, 8; Tufted Titmouse, 6; Brown-headed Nuthatch, 12; Brown Creeper, 3; Winter Wren, 1; Carolina Wren, 6; Short-billed Marsh Wren, 1; Mockingbird, 16; Brown Thrasher, 3; Am. Robin, 4; Hermit Thrush, 3; **Olive-backed Thrush,** 1 (carefully identified—L.A.W.); Eastern Bluebird, 14; Ruby-crowned Kinglet, 4; Cedar Waxwing, 8; Loggerhead Shrike, 1; Common Starling, 42; Myrtle Warbler, 5; Pine Warbler, 10; Palm Warbler, 1; Common Yellowthroat, 1; House Sparrow, 33; Eastern Meadowlark, 10; Red-winged Blackbird, 15; Rusty Blackbird, 26; Purple Grackle, 22; Cardinal, 24; Am. Goldfinch, 10; Eastern Towhee, 9; Savannah Sparrow, 3; Slate-colored Junco, 2; Chipping Sparrow, 15; Field Sparrow, 22; White-throated Sparrow, 55; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 12. **Total,** 53 species; about 484 individuals.—W. B. Clemmons (compiler), Albert F. McGowan, Edward McGowan, Rebecca Patrick, L. A. Wells.

195. **Dalton, Ga.** (same area as preceding years with addition of Looper farm; mixed woods 30%, fields and pastures 40%, lakes and river 30%).—Jan. 1; 7 a.m. to 5:45 p.m. Clear; temp. 38° to 51°; wind NW, 0-10 m.p.h. Fifteen observers in 5 parties.

Total party-hours, 33 (15 on foot, 12 by car, 6 by boat); total party-miles, 165 (38 on foot, 120 by car, 7 by boat). Pied-billed Grebe, 6; Mallard, 7; Wood Duck, 2; Turkey Vulture, 20; Black Vulture, 8; Cooper's Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 2; Osprey, 1; Bob-white, 16; Killdeer, 9; Wilson's Snipe, 5; Mourning Dove, 110; Belted Kingfisher, 2; Yellow-shafted Flicker, 10; Pileated Woodpecker, 7; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 10; Eastern Phoebe, 3; Blue Jay, 54; Am. Crow, 324; Carolina Chickadee, 33; Tufted Titmouse, 13; Winter Wren, 2; Bewick's Wren, 1; Carolina Wren, 20; Mockingbird, 28; Brown Thrasher, 2; Am. Robin, 89; Eastern Bluebird, 75; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 9; Cedar Waxwing, 23; Loggerhead Shrike, 3; Common Starling, 128; Myrtle Warbler, 12; Pine Warbler, 2; House Sparrow, 82; Eastern Meadowlark, 137; Red-winged Blackbird, 1; Rusty Blackbird, 601; Purple Grackle, 9; Cardinal, 101; Am. Goldfinch, 1389; Eastern Towhee, 56; Savannah Sparrow, 10; Vesper Sparrow, 2; Slate-colored Junco, 193; Chipping Sparrow, 3; Field Sparrow, 69; White-throated Sparrow, 80; Fox Sparrow, 1; Swamp Sparrow, 11; Song Sparrow, 16. **Total,** 55 species; about 3813 individuals. (Seen count period: Great Blue Heron, White-breasted Nuthatch.)—J. K. Bassett, Chloe Cox, Frazier Evans, Jimmy Evans, Terry Grant, Mrs. R. E. Hamilton (compiler), Mrs. Hermon King, Mrs. Cecil Martin, Warren Martin, Mr. and Mrs. Julian Sapp, Bryan Sapp, Katherine Sapp, Jimmy Shields, Mrs. Jack Sohn.

196. Okefenokee National Wildlife Refuge, Ga. (7½-mile radius centering on Trail Ridge 4 miles north of Camp Cornelia, eastward to include Folkston and part of St. Marys River, westward into Okefenokee Swamp to Coffee Bay, southward to Chesser Island; swamp water courses 25%, prairie 20%, urban 10%, open fields 10%, pine woods 15%, deciduous wooded riverbottom 15%, hedgerows 5%). —Dec. 26; 6 a.m. to 5 p.m. Clear; temp. 31° to 57°; wind W to NW, 0-12 m.p.h.; upland dry, water in swamp low with little surface water except in water courses and gator holes. Ten observers in 3 parties. Total party-hours, 25 (18 on foot, 3 by car, 4 by motor boat); total party-miles, 86 (9 on foot, 60 by car, 17 by motor boat). Pied-billed Grebe, 2; Water-turkey, 10; Great Blue Heron, 2; Am. Egret, 2; Little Blue Heron, 1; Am. Bittern, 10; Mallard, 42; Black Duck, 1; Wood Duck, 11; Turkey Vulture, 47; Black Vulture, 13; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 13; **Golden Eagle,** 1 [no details—Ed.]; Marsh Hawk, 1; Sparrow Hawk, 4; Bob-white, 1; Sandhill Crane, 79; Am. Coot, 1; Killdeer, 35; Wilson's Snipe, 146; Mourning Dove, 6; Ground Dove, 9; Barred Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 12; Pileated Woodpecker, 7; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 1; Eastern Phoebe, 20; Tree Swallow, 124; Blue Jay, 31; Am. Crow, 9; Fish Crow, 1; Carolina Chickadee, 3; Tufted Titmouse, 2; Brown-headed Nuthatch, 5; House Wren, 2; Carolina Wren, 1; Long-billed Marsh Wren, 1; Mockingbird, 23; Catbird, 2; Brown Thrasher, 1; Am. Robin, 55; Hermit Thrush, 1; Eastern Bluebird, 27; Blue-gray Gnatcatcher, 1; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 4; Water Pipit, 9; Loggerhead Shrike, 7; Common Starling, 15; **Yellow-throated Vireo,** 1 [no details—Ed.]; Myrtle Warbler, 51; Pine Warbler, 10; Palm Warbler, 2; Common Yellowthroat, 11; House Sparrow, 10; Eastern Meadowlark, 121; Red-winged Blackbird, 130; Rusty Blackbird, 21; Purple Grackle, 8; Cardinal, 12; Am. Goldfinch, 35; Eastern Towhee, 16; Savannah Sparrow, 2; Vesper Sparrow, 32; Chipping Sparrow, 34; White-throated Sparrow, 14; Fox Sparrow, 1; Swamp Sparrow, 8; Song Sparrow, 6. **Total,** 76 species; about 1359 individuals. (Seen count period: King Rail.)—Eugene Cypert (compiler), Mary Louise Cypert, Rumage I. Fulks, Mrs. Lewis Kincaid, Rebecca Middleton, Ellen Moore, Roy Moore, Roy Shuman, Mary Sanders, Mattie Sanders.

197. Rome, Ga. (7½-mile radius centering on Second and Broad Streets, including Jones Lake, Wax Lake, Darlington School campus, Rome Nature Park, Berry Schools campus, Russell Air Field; pasture and stubble 25%, pine woods 40%, deciduous woods 15%, lake shore 10%, town suburbs 10%).—Dec. 30; 7:15 a.m. to 5:30 p.m. Clear; temp. 27° to 57°; wind direction?, 10 m.p.h.; ground dry. Thirteen observers in 5 parties. Total party-hours, 81 (61 on foot, 20 by car); total party-miles, 156 (36 on foot, 120 by car). Pied-billed Grebe, 140; Great Blue Heron, 1; Mallard, 25; Am. Widgeon, 1; Pintail, 2; Blue-winged Teal, 1; Ring-necked Duck, 212; Canvas-back, 9; Lesser Scaup, 3; Ruddy Duck, 18; Turkey Vulture, 18; Black Vulture, 5; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 3; Ruffed Grouse, 1; Bob-white, 13; Am. Coot, 31; Killdeer, 68; Wilson's Snipe, 1; Least Sandpiper, 3; Bonaparte's Gull, 2; Mourning Dove, 152; Belted Kingfisher, 8; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 17; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 8; Red-cockaded Woodpecker, 2; Eastern Phoebe, 12; **Horned Lark,** 3; Blue Jay, 114; Am. Crow, 178; Carolina Chickadee, 41; Tufted Titmouse, 101; White-breasted Nuthatch, 18; Brown Creeper, 5; Winter Wren, 4; Carolina Wren, 24; Mockingbird, 127; Brown Thrasher, 4; Am. Robin, 8; Hermit Thrush, 1; Eastern Bluebird, 178; Golden-crowned Kinglet, 14; Ruby-crowned Kinglet, 33; Water Pipit, 30; Cedar Waxwing, 238; Loggerhead Shrike, 15; Common Starling, 658; Myrtle Warbler, 5; Pine Warbler, 28; Palm Warbler, 1; House Sparrow, 191; Eastern Meadowlark, 168; Red-winged Blackbird, 14,700; Rusty Blackbird, 8550; **Brewer's Blackbird,** 620; Purple Grackle, 95 Brown-headed Cowbird, 50; Cardinal, 225; Am. Goldfinch, 373; Eastern Towhee, 186; Savannah Sparrow, 25; **Grasshopper Sparrow,** 5; Vesper Sparrow, 1; Slate-colored Junco, 566; Chipping Sparrow, 24; Field Sparrow, 425; White-crowned Sparrow, 5; White-throated Sparrow, 381; Fox Sparrow, 28; Swamp Sparrow, 6; Song Sparrow, 103. **Total,** 77 species; about 29,344 individuals.

—H. Gordon Anderson, J. T. Darlington, G. A. Dorsey, Sue DuPre, W. A. DuPre, Lucelia Henderson, Marion King, C. E. Lovett, Wilson D. Lovett, Ben Maulsby, Louise Nunnally, G. G. Poulson, Virginia Starr.

198. **Sherwood and Birdsong Plantations, Ga.** (within 1500 acres in Grady County; open fields and pastures 50%, pinelands and mixed hardwoods 30%, gum swamp and ponds 20%).—Dec. 22; 6 a.m. to 6:30 p.m. Light ground fog; temp. 62° to 75°; wind S, 2-3 m.p.h. at start, SE, 10-12 m.p.h. p.m. with heavy clouds from south threatening rain; drought in 4th year. One observer. Total hours, 12½ (10 on foot, 1½ by canoe, 1 by car); total miles, 20 (9 on foot, 11 by car and canoe). Water-turkey, 8; Great Blue Heron, 2; Mallard, 13; Black Duck, 2; Wood Duck, 75; Ring-necked Duck, 64; Turkey Vulture, 107; Black Vulture, 518; Red-tailed Hawk, 2; Red-shouldered Hawk, 4; Peregrine Falcon, 1; Sparrow Hawk, 2; Bob-white, 87 (7 covies); Killdeer, 27; Wilson's Snipe, 1; Mourning Dove, 382; Screech Owl, 1; Horned Owl, 2; Barred Owl, 8; Yellow-shafted Flicker, 31; Pileated Woodpecker, 9; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 5; Downy Woodpecker, 2; Red-cockaded Woodpecker, 2; Eastern Phoebe, 9; Blue Jay, 15; Am. Crow, 51; Carolina Chickadee, 9; Tufted Titmouse, 2; White-breasted Nuthatch, 2; Brown-headed Nuthatch, 1; Carolina Wren, 5; Mockingbird, 7; Brown Thrasher, 10; Am. Robin, 282; Hermit Thrush, 1; Eastern Bluebird, 25; Ruby-crowned Kinglet, 8; Cedar Waxwing, 53; Loggerhead Shrike, 3; Common Starling, 40; Orange-crowned Warbler, 1; Myrtle Warbler, 34; Pine Warbler, 16; Palm Warbler, 1; House Sparrow, 5; Eastern Meadowlark, 125; Red-winged Blackbird, 684; Purple Grackle, 110; Brown-headed Cowbird, 31; Cardinal, 55; Am. Goldfinch, 4; Eastern Towhee, 9; Savannah Sparrow, 4; Vesper Sparrow, 48; Slate-colored Junco, 2; Chipping Sparrow, 143; Field Sparrow, 11; White-throated Sparrow, 61; Swamp Sparrow, 25; Song Sparrow, 9. **Total,** 63 species; about 3273 individuals. —Herbert L. Stoddard, Sr.

199. **Atlantic Ocean off Cocoa Beach, Fla.** (5 to 20 miles east of Cocoa Beach aboard *Miss Charleston* from 7:30 a.m. to 5:15 p.m.; thousands of birds around Port Canaveral and adjacent ocean within 5 miles of shore not included in this report; ocean 100%).—Dec. 22; 8 a.m. to 4:45 p.m. Clear; temp. 64° to 77°; wind SSW to S, 6-12 m.p.h.; moderate swells on ocean, visibility excellent. Six observers in 1 party. Total party-hours, 8¾ (by boat); total party-miles, 50 (by boat). Common Loon, 2; Brown Pelican, 13; Gannet, 82 (mostly immature); Man-o'-war-bird, 2; Pomarine Jaeger, 5; Parasitic Jaeger, 3; jaeger (sp.), 4; Herring Gull, 94; Ring-billed Gull, 7; Laughing Gull, 195; Bonaparte's Gull, 3; Royal Tern, 240; gulls and terns (sp.), 500+. **Total,** 11 species; more than 1150 individuals.—Allan D. Cruickshank (compiler), David Ellinor, William Gurr, Michael Oboiko, Julian Sellers, W. Foster White (Indian River Audubon Society).

200. **Cocoa, Fla.** (15-mile diameter from ocean near Port Canaveral across Banana River, Merritt Island, Indian River, Cocoa to middle of Lake Poinsett; pine woods 26%, tidal estuaries 24%, palm hammocks and jungles 15%, gardens and citrus groves 10%, salt marshes and mangroves 8%, prairie 8%, fresh-water and marshes 6%, ocean and beach 3%).—Dec. 28; 5:30 a.m. to 7:30 p.m. Crystal clear until late afternoon; temp. 58° to 74°; wind WSW to SW, 2-12 m.p.h.; much more water in Lake Poinsett and adjacent marshes than during last 3 counts. Thirty-nine observers in 13 parties. Total party-hours, 162 (122 on foot, 36 by car and jeep, 4 by boat); total party-miles, 604 (78 on foot, 520 by car and jeep, 6 by boat). Common Loon, 28; Horned Grebe, 210; Pied-billed Grebe, 142; White Pelican, 29; Brown Pelican, 380; Gannet, 2; Double-crested Cormorant, 422; Water-turkey, 43; Man-o'-war-bird, 3; Great Blue Heron, 84 (2 on nests); Am. Egret, 66; Snowy Egret, 115; **Cattle Egret, 57** (present all month); Louisiana Heron, 115; Little Blue Heron, 67; Green Heron, 11; Black-crowned Night Heron, 22; Yellow-crowned Night Heron, 3; Am. Bittern, 6; Least Bittern, 3; Wood Ibis, 37; Glossy Ibis, **72**; White Ibis, 1500+; Canada Goose, **15**; **Fulvous Tree-duck, 14** (A.D.C. party; 19 Dec. 30—numerous observers); Mallard, 8; Black Duck, 4; Mottled Duck, 32; Gadwall, 3; Am. Widgeon, 112; Pintail, 300+; Green-winged Teal, 6; Blue-winged Teal, 184; Shoveller, 12; Redhead, 112; Ring-necked Duck, 148; Canvas-back, 4; **Greater Scaup, 5** (collected); Lesser Scaup, 8800+; Buffle-head, **25**; Old-squaw, 1 (2, day before); Ruddy Duck, 67; Hooded Merganser, 12; Red-breasted Merganser, 46; Turkey Vulture, 90; Black Vulture, 22; Sharp-shinned Hawk, 6; Cooper's Hawk, 4; Red-tailed Hawk, 14; Red-shouldered Hawk, 11; Bald Eagle, 19 (8 on nests); Marsh Hawk, 29; Osprey, 5; Peregrine Falcon, 1; Pigeon Hawk, 3; Sparrow Hawk, 110; Bob-white, 54; **Turkey, 8** (J.C.); Sandhill Crane, 64; Limpkin, 1; King Rail, 42; Clapper Rail, **13**; Virginia Rail, 4; Sora, 54; Florida Gallinule, 23; Am. Coot, 4000+; Piping Plover, 8; Ringed Plover, 25; Wilson's Plover, 1; Killdeer, 268; Black-bellied Plover, 65; Ruddy Turnstone, 82; Wilson's Snipe, 81; Spotted Sandpiper, 16; **Solitary Sandpiper, 2** (1 each by 2 widely separated parties); Willet, 13; Greater Yellow-legs, 34; Lesser Yellow-legs, 29; Red Knot, 35; Least Sandpiper, 44; Red-backed Sandpiper, 368; Dowitcher, 2; Semi-palmated Sandpiper, 210; Western Sandpiper, 10+; Sanderling, 184; Am. Avocet, 10; **Red Phalarope, 1** (carefully studied spinning on water—A.D.C. party); Great Black-backed Gull, 2; Herring Gull, 140; Ring-billed Gull, 384; Laughing Gull, 120; Bonaparte's Gull, 11; Forster's Tern, 74; Common Tern, 2; Royal Tern, 460; Cabot's Tern, 4; Caspian Tern, 32; Black Skimmer, 250; Mourning Dove, 348; Ground Dove, 94; Barn Owl, 2; Screech Owl, 6; Horned Owl, 5 (3 on nests); Barred Owl, 9; Whip-poor-will, 2; Ruby-throated Hummingbird, 4; Belted Kingfisher, 72; Yellow-shafted Flicker, 106; Pileated Woodpecker, 12; Red-bellied Woodpecker, 74; Yellow-bellied Sapsucker, 18; Hairy Woodpecker, 2; Downy Woodpecker, 15; Red-cockaded Woodpecker, 2;

Western Kingbird, 1 (regular in early Dec.); **Crested Flycatcher, 1** (carefully identified—L.E.); Eastern Phoebe, 135; **Horned Lark, 3 (Prairie)**; Tree Swallow, 3500+; Blue Jay, 64; Scrub Jay, 44; Am. Crow, 4; Fish Crow, 684; Tufted Titmouse, 3; Brown-headed Nuthatch, 14; **Brown Creeper, 1** (several Dec. records); House Wren, 47; **Winter Wren, 2** (1 each by 2 widely separated parties); Carolina Wren, 52; Long-billed Marsh Wren, 21; Short-billed Marsh Wren, 16; Mockingbird, 132; Catbird, 94; Brown Thrasher, 16; Am. Robin, 480; Hermit Thrush, 7; Eastern Bluebird, 32; Blue-gray Gnatcatcher, 62; **Golden-crowned Kinglet, 1**; Ruby-crowned Kinglet, 138; Water Pipit, 78; Cedar Waxwing, 84; Loggerhead Shrike, 54; Common Starling, 188; White-eyed Vireo, **21**; Solitary Vireo, **17**; Black and White Warbler, **12**; Orange-crowned Warbler, 14; Parula Warbler, 3; Myrtle Warbler, 2200+; **Black-throated Green Warbler, 1** (full plumaged male well seen—H.G.C.); Yellow-throated Warbler, 18; Pine Warbler, 42; Prairie Warbler, 11; Palm Warbler, 210 (some Yellow Palms); Oven-bird, 4; Northern Water-thrush, 2; Common Yellowthroat, 132; **Yellow-breasted Chat, 2** (1 each by 2 widely separated parties); House Sparrow, 140; Eastern Meadowlark, 280; Red-winged Blackbird, 800+; Rusty Blackbird, 27; Boat-tailed Grackle, 312; Purple Grackle, 43; Brown-headed Cowbird, **350**; Cardinal, 142; **Indigo Bunting, 2** (1 each by 2 widely separated parties); Painted Bunting, **52** (49 at feeders); **Dickcissel, 1** (at feeder—W.F.W. party); Am. Goldfinch, 38; Eastern Towhee, 72 (mostly white-eyed); Savannah Sparrow, 320; Grasshopper Sparrow, 14; Henslow's Sparrow, 2; Sharp-tailed Sparrow, 25; Seaside Sparrow, 4; Vesper Sparrow, **32**; Pine-woods Sparrow, 3; Chipping Sparrow, 134; Field Sparrow, 12; **White-crowned Sparrow, 11** (in same area for week—numerous observers); White-throated Sparrow, 11; Lincoln's Sparrow, 1; Swamp Sparrow, 114; Song Sparrow, 28. **Total,** 186 species (2 additional subspecies); more than 33,259 individuals. In addition over 5000 ducks, gulls, terns, shorebirds too distant for identification. Careful details submitted for all unusual species. (Seen during count period: Am. Golden-eye, Surf Scoter, Marbled Godwit, Parasitic Jaeger, **Black-throated Blue Warbler,** Baltimore Oriole.)—Fred J. Ackermann, Hank Bennett, Rose Block, Thomas Brindley, John Creech, Allan D. Cruickshank (compiler), Helen G. Cruickshank, William M. Davidson, Clara Dunbar, Robert Dunbar, Conrad Ekdahl, Norma Ekdahl, David Ellinor, Lon Ellis, Leon W. Fellows, Loella Grimes, Samuel A. Grimes, William Gurr, Lydia Hamilton, William Hueston, Fern Holden, Joseph C. Howell, Frank James, Philip Kahl, Katherine Lewis, William O. Lewis, Myrtle Maxwell, Katherine Michie, Michael Oboiko, James A. O'Neil, Lewis Orgel, Robert H. Sehl, Julian Sellers, Burt Stinnett, Herbert L. Stoddard, Hall Tennis, Ivan R. Tomkins, W. Foster White, Farida Wiley (Indian River Audubon Society and guests).

201. Coot Bay–Everglades National Park, Fla. (7½-mile radius centering ½ mile northwest of Bradley Key, Sandy Key–Dildo Key area not covered; mangrove swamp 15%, tropical hardwood hammock 15%, coastal prairie 25%, lakes, bays and Florida Bay 45%).—Dec. 30; 5:30 a.m. to 7 p.m. Clear; temp. 41° to 67°; wind N to SE, 0-7 m.p.h. Thirty-three observers in 11 parties. Total party-hours, 127 (82 on foot, 12 by car, 33 by boat); total party-miles, 218 (53 on foot, 99 by car, 66 by boat). Horned Grebe, 19; Pied-billed Grebe, 252; White Pelican, 1473; Brown Pelican, 660; Double-crested Cormorant, 965; Water-turkey, 15; Man-o'-war-bird, 1; Great White Heron, 150; Great Blue Heron, 138; Am. Egret, 426; Snowy Egret, 321; Reddish Egret, 10; Louisiana Heron, 262; Little Blue Heron, 218; Green Heron, 22; Black-crowned Night Heron, 28; Yellow-crowned Night Heron, 10; Am. Bittern, 2; Wood Ibis, 115; White Ibis, 176; Roseate Spoonbill, 12; Am. Flamingo, **5** (C.M.B. party); Mottled Duck, 47; Am. Widgeon, 152; Pintail, 22; Green-winged Teal, 6; Blue-winged Teal, 246; Shoveller, 243; Redhead, 2; Ring-necked Duck, 6; Canvas-back, 2; Lesser Scaup, 6261; Ruddy Duck, 77; **Hooded Merganser,** 1 (O.O., S.W.); Red-breasted Merganser, 247; Turkey Vulture, 309; Black Vulture, 26; Cooper's Hawk, 1; Red-shouldered Hawk, 58; Broad-winged Hawk, 6; Short-tailed Hawk, 4; Bald Eagle, 36; Marsh Hawk, 24; Osprey, 40; Peregrine Falcon, **14**; Pigeon Hawk, 1; Sparrow Hawk, 40; Clapper Rail, 2; Sora, 1; Florida Gallinule, 1; Am. Coot, 5103; Ringed Plover, **451**; Wilson's Plover, 30; Killdeer, 46; Black-bellied Plover, 738; Ruddy Turnstone, 8; Wilson's Snipe, 4; Long-billed Curlew, **10** (4 parties); Hudsonian Curlew, 9 (C.M.B. party); Spotted Sandpiper, **52**; Willet, 710; Greater Yellow-legs, 12; Lesser Yellow-legs, 219; Least Sandpiper, 1386; Red-backed Sandpiper, 2804; Dowitcher, 1089 (5 probable long-billed—B.J.K. party); Semipalmated Sandpiper, **7790**; Western Sandpiper, 1134; Marbled Godwitt, **121**; Sanderling, 2; Am. Avocet, 11; Herring Gull, 23; Ring-billed Gull, 74; Laughing Gull, **4047**; Gull-billed Tern, 11 (3 parties); Forster's Tern, 87; **Common Tern, 2** (C.T.H.); **Roseate Tern, 1** (C.M.B. party); Royal Tern, 346; Cabot's Tern, 3; Caspian Tern, **381**; Black Skimmer, 498; Mourning Dove, 2; Ground Dove, 49; Screech Owl, **6**; Barred Owl, 13; Whip-poor-will, 1 (calling); Ruby-throated Hummingbird, 3; Belted Kingfisher, 70; Yellow-shafted Flicker, 14; Pileated Woodpecker, 7; Red-bellied Woodpecker, 47; Yellow-bellied Sapsucker, 2; **Downy Woodpecker,** 1 (R.L.C.); **Eastern Kingbird, 1** (R.L.C.); **Scissor-tailed Flycatcher, 1** (W.A., J.A.); Crested Flycatcher, 49; Eastern Phoebe, 78; Tree Swallow, 5; Am. Crow, 222; Fish Crow, 1 (O.O., S.W.); House Wren, 79; Carolina Wren, 1; Short-billed Marsh Wren, 1; Mockingbird, **149**; Catbird, 126; Brown Thrasher, 3; Am. Robin, 15; **Hermit Thrush, 2** (Mrs. A.G. party); Blue-gray Gnatcatcher, **640**; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 2; White-eyed Vireo, 71; **Yellow-throated Vireo, 10** (5 parties); Solitary Vireo, **23**; Black and White Warbler, **102**; **Worm-eating Warbler, 2** (1 each by 2 widely separated parties); Orange-crowned Warbler, **56**; Parula Warbler, **38**; **Yellow Warbler,** 1 (A.G., M.S.); Myrtle Warbler, 225; Yellow-throated Warbler, **40**; **Pine Warbler, 1** (R.C.);

Prairie Warbler, **109**; Palm Warbler, 288; Ovenbird, 4; water-thrush, 23 (3 Northern identified); Common Yellowthroat, 284; **Yellow-breasted Chat,** 4 (3 observers); **Am. Redstart, 4** (3 parties); Eastern Meadowlark, 71; Red-winged Blackbird, 354; **Baltimore Oriole, 1**; Boat-tailed Grackle, 9; Purple Grackle, 63; Cardinal, **91**; **Indigo Bunting, 1**; Painted Bunting, **46**; Am. Goldfinch, 54; Eastern Towhee, **10**; Savannah Sparrow, 196; Grasshopper Sparrow, 8; Sharp-tailed Sparrow, 9; **Lincoln's Sparrow, 2** (D.P.); Swamp Sparrow, 16; Song Sparrow, 2. **Total,** 146 species; about 44,167 individuals. (Seen in area count period: Common Loon, **Water Pipit, Blue-winged Warbler, Vesper Sparrow.**) [Exceptionally neat, carefully prepared report with excellent details for all unusual observations—ED.]—Joel Abramson, William G. Atwater, Mrs. Christine Bonney, Charles M. Brookfield, Clyde Carter, Mrs. Frank G. Cox, Richard L. Cunningham, Mrs. Dorothy Dee, John V. Dennis, Mrs. Roy N. Dickie, James B. Fleugel, Mr. and Mrs. Arthur Gasche, Clay L. Gifford, Alfred P. Harger, Patricia A. Heinlein, Mr. and Mrs. C. T. Hotchkiss, Phil Kahl, Ben J. Kincaid, Gretchen H. Kincaid, Frank J. Ligas, Mrs. Dorothy McIlroy, Mrs. Eugene C. Miles, Hugh Muller, O. T. Owre, Dennis R. Paulson, Joseph Phelan, Betty Robertson, William B. Robertson, Jr. (compiler), Clifford W. Senne, Mary P. Sherwood, Stuart Warter.

202. Daytona Beach, Fla. (7½-mile radius centering on southwest corner of Volusia Ave. and Beach St., west on Route 92 to fire tower, east to ocean, north to Ormond Beach, south to Spruce Creek; pasture 21%, pine barrens 36%, residential 10%, sand bars in Halifax River 8%, beach and dunes 25%).—Dec. 22; 7 a.m. to 5 p.m. Clear; temp. 60° to 84°; wind SW, 15 m.p.h. Fifteen observers in 4 parties. Total party-hours, 40 (12 on foot, 28 by car); total party-miles, 132 (14 on foot, 118 by car). Common Loon, 6; Horned Grebe, 16; Pied-billed Grebe, 22; **White Pelican, 54**; Brown Pelican, 174; Double-crested Cormorant, 182; Water-turkey, 1; Great Blue Heron, 17; Am. Egret, 67; Snowy Egret, 25; Louisiana Heron, 21; Little Blue Heron, 22; Green Heron, 2; Black-crowned Night Heron, 3; Wood Ibis, 4; White Ibis, 120; Mallard, 2; **Am. Widgeon, 1**; Lesser Scaup, 193; **Am. Golden-eye, 1**; **Hooded Merganser, 2**; Red-breasted Merganser, 24; Turkey Vulture, 36; Black Vulture, 43; Red-tailed Hawk, 3; Red-shouldered Hawk, 5; Marsh Hawk, 3; Osprey, 3; Sparrow Hawk, 43; Bob-white, 15; Clapper Rail, 3; Florida Gallinule, 3; Am. Coot, 21; Piping Plover, 4; Ringed Plover, 10; Killdeer, 19; Black-bellied Plover, 41; Ruddy Turnstone, 87; Wilson's Snipe, 10; Willet, 36; Lesser Yellow-legs, 2; Red Knot, 25; Red-backed Sandpiper, 2; Sanderling, 418; **Great Black-backed Gull, 1**; Herring Gull, 157; Ring-billed Gull, 843; Laughing Gull, 399; Bonaparte's Gull, 17; Forster's Tern, 8; Common Tern, 4; Royal Tern, 476; **Cabot's Tern, 2**; Caspian Tern, 5; Black Skimmer, 152; Mourning Dove, 80; Ground Dove, 38; Belted Kingfisher, 14; Yellow-shafted Flicker, 27; Pileated Woodpecker, 3; Red-bellied Woodpecker, 23; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 1; Downy Woodpecker, 3; Eastern Phoebe, 35; Tree Swallow, 81; Blue Jay, 23; Scrub Jay, 2; Am. Crow, 221; Fish Crow, 515; Carolina Chickadee, 1; Tufted Titmouse, 1; House Wren, 26; Carolina Wren, 12; Mockingbird, 77; Catbird, 32; Brown Thrasher, 2; Am. Robin, 235; Eastern Bluebird, 15; Blue-gray Gnatcatcher, 2; Ruby-crowned Kinglet, 7; Water Pipit, 75; Cedar Waxwing, 10; Loggerhead Shrike, 50; Common Starling, 352; White-eyed Vireo, 1; **Solitary Vireo, 1**; **Orange-crowned Warbler, 1**; Myrtle Warbler, 416; Palm Warbler, 42 (3 Yellow Palms); Common Yellowthroat, 8; House Sparrow, 72; Eastern Meadowlark, 18; Red-winged Blackbird, 260; Rusty Blackbird, 2; Purple Grackle, 82; Brown-headed Cowbird, 25; Cardinal, 27; Am. Goldfinch, 2; Eastern Towhee, 33; Savannah Sparrow, 23; Chipping Sparrow, 6; White-throated Sparrow, 8; Swamp Sparrow, 2; Song Sparrow, 7. **Total,** 106 species (1 additional subspecies); about 6871 individuals.—Fred J. Ackermann (compiler), Rose Block, Olive Bredian, Lucille Deuce, Conrad Ekdahl, Norma Ekdahl, Lydia Hamilton, Robert Henderson, Fern Holden, Kenneth Hunter, Ann Odsted, F. Beacon Rich, O. E. Thomas, Esther Ulman, Marie Wenberg (Halifax River Audubon Club).

203. Hallandale, Fla. (7½-mile radius from Hallandale, including Ojus, Davie, West Hollywood, edge of Everglades).—Dec. 25; 7:30 a.m. to 5 p.m. Partly cloudy; temp. 60° to 69°; wind N, 10 m.p.h. One observer. Total hours, 9 (6 on foot, 3 by car); total miles, 53 (10 on foot, 43 by car). Pied-billed Grebe, 8; Brown Pelican, 35; Water-turkey, 1; Great Blue Heron, 4; Am. Egret, 5; Snowy Egret, 7; Little Blue Heron, 2; Black-crowned Night Heron, 1; Yellow-crowned Night Heron, 2; Am. Bittern, 3; Blue-winged Teal, 12; Turkey Vulture, 95; Black Vulture, 64; Sharp-shinned Hawk, 3; Red-shouldered Hawk, 1; Marsh Hawk, 23; Osprey, 1; Sparrow Hawk, 46; Florida Gallinule, 40; Killdeer, 135; Spotted Sandpiper, 12; Semipalmated Sandpiper, 30; Sanderling, 45; Herring Gull, 25; Ring-billed Gull, 70; Royal Tern, 20; Mourning Dove, 9; Ground Dove, 65; Ruby-throated Hummingbird, 1; Belted Kingfisher, 11; Yellow-shafted Flicker, 6; Downy Woodpecker, 1; Eastern Phoebe, 16; Tree Swallow, 350; Blue Jay, 13; Brown-headed Nuthatch, 7; House Wren, 16; Mockingbird, 47; Catbird, 1; Brown Thrasher, 1; Am. Robin, 4; Eastern Bluebird, 2; Blue-gray Gnatcatcher, 32; Ruby-crowned Kinglet, 9; Loggerhead Shrike, 3; Myrtle Warbler, 48; Pine Warbler, 23; Palm Warbler, 60; Common Yellowthroat, 4; House Sparrow, 38; Eastern Meadowlark, 22; Red-winged Blackbird, 175; Rusty Blackbird, 22; Boat-tailed Grackle, 35; Purple Grackle, 220; Cardinal, 5; Am. Goldfinch, 15; Eastern Towhee, 2. **Total,** 58 species; about 1953 individuals.—Henry Curtis Ahl.

204. Jacksonville, Fla. (same area as last year; flatwoods 16%, high pineland 9%, hammock 25%, sea beach 13%, salt marsh 8%, sand dunes 6%, fresh marsh 9%, farmlands 2%, mud flats 5%, pasture 2%, swamp 2%, suburbs 3%).—Dec. 30; 6 a.m. to 7:15 p.m. Clear; temp. 34° to 60°; wind W, 2-10 m.p.h.

Sixteen observers in 5 parties. Total party-hours, 60 (35 on foot, 25 by car); total party-miles, 320 (24 on foot, 296 by car). Horned Grebe, 44; Pied-billed Grebe, 34; Brown-Pelican, 358; Gannet, 20; Double-crested Cormorant, 57; Water-turkey, 1; Great Blue Heron, 58; Am. Egret, 103; Snowy Egret, 34; Louisiana Heron, 24; Little Blue Heron, 30; Green Heron, 1; Black-crowned Night Heron, 208; Yellow-crowned Night Heron, 1; Wood Ibis, 6; Mallard, 2; Black Duck, 4; Ring-necked Duck, 16; Lesser Scaup, 72; Hooded Merganser, 29; Red-breasted Merganser, 16; Turkey Vulture, 14; Black Vulture, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 9; Red-shouldered Hawk, 7; Bald Eagle, 5; Marsh Hawk, 5; Osprey, 2; Sparrow Hawk, 29; Bob-white, 37; King Rail, 4; Clapper Rail, 36; Sora, 2; Am. Coot, 20; Piping Plover, 7; Ringed Plover, 18; **Wilson's Plover, 1**; Killdeer, 124; Black-bellied Plover, 30; Ruddy Turnstone, 20; Am. Woodcock, 1; Wilson's Snipe, 36; Lesser Yellow-legs, 3; Least Sandpiper, 20; Red-headed Sandpiper, 25; Dowitcher, 10; Semipalmated Sandpiper, 125; Western Sandpiper, 109; Sanderling, 55; Herring Gull, 737; Ring-billed Gull, 1056; Laughing Gull, 55; Bonaparte's Gull, 6; Forster's Tern, 147; **Least Tern, 1** (carefully identified); Royal Tern, 362; Caspian Tern, 2; Black Skimmer, 2305; Mourning Dove, 74; Ground Dove, 15; Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 23; Yellow-shafted Flicker, 60; Pileated Woodpecker, 2; Red-bellied Woodpecker, 43; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 1; Downy Woodpecker, 4; Eastern Phoebe, 37; Tree Swallow, 79; Blue Jay, 54; Am. Crow, 12; Fish Crow, 139; Carolina Chickadee, 14; Tufted Titmouse, 36; Brown-headed Nuthatch, 6; House Wren, 10; Carolina Wren, 22; Long-billed Marsh Wren, 2; Short-billed Marsh Wren, 7; Mockingbird, 63; Catbird, 16; Brown Thrasher, 10; Am. Robin, 614; Hermit Thrush, 5; Eastern Bluebird, 30; Blue-gray Gnatcatcher, 2; **Golden-crowned Kinglet, 2**; Ruby-crowned Kinglet, 44; Water Pipit, 71; Cedar Waxwing, 260; Loggerhead Shrike, 52; Common Starling, 276; White-eyed Vireo, 4; Solitary Vireo, 1; Black and White Warbler, 1; Orange-crowned Warbler, 4; Myrtle Warbler, 1975; Yellow-throated Warbler, 2; Pine Warbler, 1; Palm Warbler, 42; Oven-bird, 1; Common Yellowthroat, 11; House Sparrow, 5; Eastern Meadowlark, 117; Red-winged Blackbird, 126; Brown-headed Cowbird, 613; Cardinal, 72; Am. Goldfinch, 77; Eastern Towhee, 121; Savannah Sparrow, 57; Sharp-tailed Sparrow, 2; Seaside Sparrow, 8; Vesper Sparrow, 24; Chipping Sparrow, 68; Field Sparrow, 4; White-throated Sparrow, 518; **Fox Sparrow, 1**; Swamp Sparrow, 7; Song Sparrow, 25. **Total,** 124 species; about 12,544 individuals. (Seen count period: Common Loon.)—Charlotte Buckland, Mrs. Morris D. Cultra, Samuel A. Grimes, Mrs. W. W. Hendrickson, Kenneth E. Hughs, Mrs. J. D. Kelly, Robert Marsh, Reg. R. McKay (compiler), K. L. Painter, Mr. and Mrs. M. R. Prothroe, Madeline Sawyer, Mrs. John C. Stone, Mrs. Howard Van Buskirk, Mrs. J. W. Whiteman, Mrs. Fred L. Whitmore (Duval County Audubon Society).

205. Key Largo–Plantation Key, Fla. (Islamorada Post Office to Key Largo Post Office; Florida Bay area includes Swash, Nest, Eagle, Russell, West Keys; 7½-mile radius centered at Low Key 3 miles NW of Tavernier Creek; ocean and bay 80%, tropical hammock 10%, ponds and swamps 5%, flats 5%).—Dec. 23; 6:30 a.m. to 6 p.m. Clear; temp. 74° to 82°; wind SE, 17-10 m.p.h. Twenty observers in 6 parties. Total party-hours, 49 (26 on foot, 12 by car, 11 by boat); total party-miles, 148 (13 on foot, 75 by car, 60 by boat). Horned Grebe, 39; Pied-billed Grebe, 7; White Pelican, 15; Brown Pelican, [number ?—Ed.]; Double-crested Cormorant, 187; Man-o'-war-bird, 30; Great White Heron, 32; Great Blue Heron, 27 (1 Würdemann's); Am. Egret, 91; Snowy Egret, 1; Reddish Egret, 36; Louisiana Heron, 58; Little Blue Heron, 59; Green Heron, 2; Yellow-crowned Night Heron, 2; Wood Ibis, 3; White Ibis, 44; **Roseate Spoonbill, 126**; Red-breasted Merganser, 79; Turkey Vulture, 33; Sharp-shinned Hawk, 2; Red-shouldered Hawk, 6; Broad-winged Hawk, 7; Bald Eagle, 4; Marsh Hawk, 11; Osprey, 41; Pigeon Hawk, 1; Sparrow Hawk, 66; Am. Coot, 1; Killdeer, 13; Black-bellied Plover, 525; Ruddy Turnstone, 49; Spotted Sandpiper, 5; Willet, 83; Greater Yellow-legs, 18; Lesser Yellow-legs, 9; Least Sandpiper, 248; Red-backed Sandpiper, 90; Dowitcher, 905; Semipalmated Sandpiper, 238; Western Sandpiper, 120; Herring Gull, 30; Ring-billed Gull, 68; Laughing Gull, 100; Forster's Tern, 4; Common Tern, 3; Royal Tern, 120; Caspian Tern, 2; Black Skimmer, 75; **White-crowned Pigeon, 5**; Mourning Dove, 9; Ground Dove, 35; Barn Owl, 1; **Smooth-billed Ani, 16**; Ruby-throated Hummingbird, 7; Belted Kingfisher, 18; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 1; Western Kingbird, 2; Crested Flycatcher, 1; Eastern Phoebe, 12; Am. Crow, 1; House Wren, 7; Mockingbird, 61; Catbird, 51; Blue-gray Gnatcatcher, 75; Loggerhead Shrike, 3; White-eyed Vireo, 6; Yellow-throated Vireo, 1; Solitary Vireo, 1; Black and White Warbler, 2; Parula Warbler, 2; Yellow-throated Warbler, 3; Prairie Warbler, 30; Palm Warbler, 214; Oven-bird, 3; Northern Water-thrush, 1; Common Yellowthroat, 21; House Sparrow, 6; Red-winged Blackbird, 58; Cardinal, 26; Painted Bunting, 6; Savannah Sparrow, 15. **Total,** 84 species (1 additional subspecies); about 4427 individuals. (Great White Heron, Roseate Spoonbill, Bald Eagle, Osprey nesting, Black Vulture, Burrowing Owl in area count period.)—Robert P. Allen, Mrs. John Benson, Mrs. Christine Bonney, Mrs. Marie P. Cobb, Mrs. Caroline Cohen, Mr. and Mrs. J. H. Comby, Mrs. Francis V. Crane, Mrs. Frances Hames, David O. Karraker, Vincent J. Mrazek, Mr. and Mrs. Walter Ottinger, Mr. and Mrs. W. B. Robinson, George B. Stevenson (compiler), Helen Tyler, Jack Watson, Reginald Wells, Erwin C. Winte.

206. Key West, Fla. (7½-mile radius centering on Boca Chica Key, including Key West, Stock Island, Saddlebunch Keys; mud flats 15%, mangrove 10%, beaches, waterfront, and docks 50%, hammock 15%, open fields, sanctuary and golf course 10%).—Jan. 1;

6:30 a.m. to 5:30 p.m. Clear; temp. 76° to 54°; wind ENE, 8-12 m.p.h. Fifteen observers in 4 parties. Total party-hours, 44 (32 on foot, 12 by car); total party-miles, 99 (12 on foot, 87 by car). Brown Pelican, 64; Double-crested Cormorant, 77; Man-o'-war-bird, 5; Great White Heron, 12; Great Blue Heron, 19; Am. Egret, 3; Snowy Egret, 23; **Reddish Egret, 3** (carefully identified); Louisiana Heron, 40; Little Blue Heron, 35; Green Heron, 1; Blue-winged Teal, 1; Red-breasted Merganser, 67; Turkey Vulture, 45, Cooper's Hawk, 1; Red-shouldered Hawk, 2; Broad-winged Hawk, 7; Marsh Hawk, 3; Osprey, 5; Sparrow Hawk, 44; Piping Plover, 2; Ringed Plover, 57; Wilson's Plover, 13; Killdeer, 13; Black-bellied Plover, 54; Ruddy Turnstone, 11; Spotted Sandpiper, 2; Willet, 34; Greater Yellow-legs, 15; Lesser Yellow-legs, 15; Least Sandpiper, 45; Dowitcher, 49; Sanderling, 4; Herring Gull, 201; Ring-billed Gull, 1328; Laughing Gull, 93; Forster's Tern, 1; **Common Tern, 2**; Royal Tern, 136; Caspian Tern, 7; Mourning Dove, 4; Ground Dove, 40; Ruby-throated Hummingbird, 3; Belted Kingfisher, 18; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 2; Western Kingbird, 2; Scissor-tailed Flycatcher, **10**; House Wren, 3; Mockingbird, 35; Catbird, 66; Blue-gray Gnatcatcher, 14; Common Starling, 15; White-eyed Vireo, 3; **Solitary Vireo, 1**; Black and White Warbler, 3; Orange-crowned Warbler, 3; Parula Warbler, 4; Myrtle Warbler, 235; Yellow-throated Warbler, 7; Prairie Warbler, 21; Palm Warbler, 167; Oven-bird, 1; Northern Water-thrush, 2; Am. Redstart, 3: Common Yellowthroat, 13; House Sparrow, 16; Red-winged Blackbird, 108; **Baltimore Oriole, 2**; Purple Grackle, 3; Cardinal, 9; Indigo Bunting, 2; Painted Bunting, 20; Am. Goldfinch, 1; Savannah Sparrow, 56; Grasshopper Sparrow, 3; **Leconte's Sparrow, 2** (carefully identified—J.H.C. party); **Lark Sparrow, 1** (carefully studied). **Total,** 77 species (1 additional subspecies); about 3439 individuals.—Mrs. E. A. Bergstrom, Mrs. Christine Bonney, Mrs. Marie P. Cobb, Mr. and Mrs. J. H. Comby, Hilda Cunniff, Mrs. William Fentress, Mrs. D. C. Fridley, Mrs. Frances Hames, Mr. and Mrs. Donald Heinly, Mr. and Mrs. G. P. Lawrence, George B. Stevenson (compiler), George B. Thorp.

207. Lower Keys, Fla. (keys and connecting bridges along Overseas Highway from west end of Seven Mile Bridge through Cudjoe Key; 7½-mile radius centering on Big Pine Key; beaches, sand bars, ocean and Gulf 30%, salt-water ponds and mud flats 30%, mangrove swamps 20%, pine–palm forest 15%, tropical hammock 5%).—Dec. 28; 6:45 a.m. to 5:45 p.m. Clear; temp. 55° to 72°; wind E, gentle to moderate. Twelve observers in 3 parties. Total party-hours, 33 (30 on foot, 3 by car); total party-miles, 62 (14 on foot, 48 by car). Pied-billed Grebe, 3; Brown Pelican, 92; Double-crested Cormorant, 112; Man-o'-war-bird, 10; Great White Heron, 14; Great Blue Heron, 15; Würdemann's Heron (hybrid), 1; Am. Egret, 5; Snowy Egret, 4; Reddish Egret, 2; Louisiana Heron, 45; Little Blue Heron, 22; Green Heron, 2; Yellow-crowned Night Heron, 6; White Ibis, 35; Red-breasted Merganser, 190; Turkey Vulture, 45; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 7; Broad-winged Hawk, 2; Short-tailed Hawk, 1; Marsh Hawk, 4; Osprey, 17; Sparrow Hawk, 55; Clapper Rail, 1; Piping Plover, 3; Ringed Plover, 114; Wilson's Plover, 11; Black-bellied Plover, 117; Ruddy Turnstone, 128; **Wilson's Snipe, 1**; Spotted Sandpiper, 4; Willet, 6; Greater Yellow-legs, 29; Lesser Yellow-legs, 3; Least Sandpiper, 204; Dowitcher, 344; Semipalmated Sandpiper, 30; Western Sandpiper, 2; Sanderling, 17; Herring Gull, 15; Ring-billed Gull, 100; Laughing Gull, 82; Bonaparte's Gull, 1; Forster's Tern, 3; Royal Tern, 201; Mourning Dove, 7; Ground Dove, 37; Barn Owl, 1; Ruby-throated Hummingbird, 4; Belted Kingfisher, 24; Red-bellied Woodpecker, 5; House Wren, 5; Mockingbird, 21; Catbird, 49; Blue-gray Gnatcatcher, 35; White-eyed Vireo, 6; **Yellow-throated Vireo, 2**; Solitary Vireo 3; Black and White Warbler, 6; Orange-crowned Warbler, 3; Parula Warbler, 2; Myrtle Warbler, 13; Yellow-throated Warbler, 14; Prairie Warbler, 64; Palm Warbler, 186; Oven-bird, 2; Northern Water-thrush, 4; Am. Redstart, 3; Common Yellowthroat, 24; Red-winged Blackbird, 261; Cardinal, 17; Painted Bunting, 1; Savannah Sparrow, 175; Grasshopper Sparrow, 5; Lark Sparrow, 1. **Total,** 75 species (1 additional hybrid); about 3086 individuals.—Mrs. Benson, Mrs. Guy Bonney (compiler), Mrs. Marie Cobb, Mrs. Francis Crane, Francis Crane, Mrs. Phillips Dennett, Phillips Dennett, Mrs. Frances Hames, Mrs. W. Robertson, William Robertson, George Stevenson, George Thorp (Monroe Audubon Society and guests).

208. Loxahatchee National Wildlife Refuge, Fla. (Palm Beach County, same area as last year, 7½-mile radius centered 12 miles west of Delray Beach; fresh-water glades with scattered bayheads 70%, levees and canal banks 10%, pine flatwoods 5%, cypress heads 5%; 10%= ?—Ed.).—Dec. 27; 7 a.m. to 5:30 p.m. Clear; temp. 55° to 69°; wind NW, 0-10 m.p.h. Nine observers in 4 parties. Total party-hours, 24 (3 on foot, 19 by car, 2 by airboat); total party-miles, 54 (3 on foot, 41 by car, 10 by airboat). Pied-billed Grebe, 104; Water-turkey, 29; **Great White Heron, 1** (C.L.); Great Blue Heron, 46; Am. Egret, 59; Snowy Egret, 3; Cattle Egret, 16; Louisiana Heron, 60; Little Blue Heron, 59; Green Heron, 8; Black-crowned Night Heron, 9; Wood Ibis, 2; Glossy Ibis, 3; White Ibis, 39; Mottled Duck, 1; Am. Widgeon, 7; Green-winged Teal, 3; Blue-winged Teal, 185; Wood Duck, 2; Ring-necked Duck, 31; Lesser Scaup, 3; Turkey Vulture, 185; Black Vulture, 20; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 35; **Short-tailed Hawk, 1** (F.L., H.D.); Bald Eagle, 3; Marsh Hawk, 25; Osprey, 1; Sparrow Hawk, 48; Sandhill Crane, 7; Limpkin, 2; Sora, 8; Florida Gallinule, 8; Am. Coot, 746; Killdeer, 48; Wilson's Snipe, 15; Greater Yellow-legs, 12; Lesser Yellow-legs, 278; Semipalmated Sandpiper, 1; Mourning Dove, 82; Ground Dove, 16; **Yellow-billed Cuckoo, 1** (carefully identified—C.L.); Belted Kingfisher, 23; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 2; **Scissor-tailed Flycatcher, 3**; Crested Flycatcher, 2; Eastern Phoebe, 41; Tree Swallow, 300;

Blue Jay, 4; House Wren, 15; Carolina Wren, 3; Mockingbird, 69; Catbird, 31; Am. Robin, 36; Blue-gray Gnatcatcher, 65; Ruby-crowned Kinglet, 14; Loggerhead Shrike, 27; White-eyed Vireo, 6; Solitary Vireo, 3; Black and White Warbler, 2; Orange-crowned Warbler, 1; Parula Warbler, 2; **Black-throated Blue Warbler, 1** (adult male carefully identified); Myrtle Warbler, 18; Yellow-throated Warbler, 1; Pine Warbler, 15; Prairie Warbler, 6; Palm Warbler, 159; Common Yellowthroat, 34; **Black-capped Warbler, 1** (adult male carefully identified); Am. Redstart, 2; House Sparrow, 12; Eastern Meadowlark, 25; Red-winged Blackbird, 576; Boat-tailed Grackle, 764; Purple Grackle, 328; Cardinal, 21; Am. Goldfinch, 10; Eastern Towhee, 4; Savannah Sparrow, 4; Swamp Sparrow, 1. **Total,** 85 species; about 4850 individuals. Drought conditions in glades concentrated waterbirds in remote areas and limited use of airboat. (Species seen count period: Am. Bittern, Shoveller, Hooded Merganser, Bob-white, King Rail, Barn Owl, Barred Owl, Brown Thrasher.)—Helen Dow, Don Dye, Margaret Dye, Abbott Fenn, James Flugel, Brower Hall, Lenora Hortt, Frank J. Ligas (compiler), Charles Loveless (Broward County Audubon Society and U. S. Fish and Wildlife Service).

209. Myakka River State Park, Fla. (same area as previous years; 7½-mile radius centering on main gate on Route 72; low ground, intermittently flooded 12%, river, lakes and ponds 4%, intermittent lakes 5%, fresh-water marshes 18%, fields, prairies and scrub palmetto 14%, mixed woods 42%, roadsides 5%).—Dec. 26; 6:45 a.m. to 5 p.m.; wind NW to NNW, 2-15 m.p.h. Twenty-five observers in 6 parties. Total party-hours, 48 (16 on foot, 29 by car, 3 by boat); total party-miles, 126 (28 on foot, 95 by car, 3 by boat). Horned Grebe, 10; Pied-billed Grebe, 113; White Pelican, 121; Double-crested Cormorant, 4; Water-turkey, 39; Great Blue Heron, 64; Am. Egret, 208; Snowy Egret, 582; Louisiana Heron, 76; Little Blue Heron, **186**; Black-crowned Night Heron, 23; Yellow-crowned Night Heron, 7; Wood Ibis, 272; White Ibis, **3612**; Mallard, 130; Black Duck, 11; Mottled Duck, 120; Gadwall, 23; Am. Widgeon, **256**; Pintail, **464**; Green-winged Teal, 9; Blue-winged Teal, 125; Shoveller, **78**; Ring-necked Duck, 29; Lesser Scaup, 47; Hooded Merganser, **200**; Red-breasted Merganser, 1; duck (sp.), 1500; Turkey Vulture, 118; Black Vulture, 403; Sharp-shinned Hawk, 6; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 44 (5 insular); Bald Eagle, 2; Marsh Hawk, 13; Osprey, 1; Sparrow Hawk, 21; Bob-white, 48; Turkey, **138**; Sandhill Crane, 21; Am. Coot, 329+; Ringed Plover, 1; Killdeer, 173; Wilson's Snipe, 21; Greater Yellow-legs, **233**; Lesser Yellow-legs, **216**; Least Sandpiper, 2; Dowitcher, 5; Ring-billed Gull, 14; Forster's Tern, 38; Mourning Dove, 37; Ground Dove, 37; Screech Owl, 1; Horned Owl, 3; Burrowing Owl, 2; Barred Owl, 12; Belted Kingfisher, 32; Yellow-shafted Flicker, 25; Pileated Woodpecker, 3; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 1; Eastern Phoebe, 68; empidonax (sp.), 1; Tree Swallow, 5583; Blue Jay, 16; Am. Crow, 60; Fish Crow, 2; Tufted Titmouse, 2; Carolina Wren, 9; Mockingbird, 86; Catbird, 26; Brown Thrasher, 1; Am. Robin, 58; **Gray-cheeked Thrush, 1** (carefully identified—K.O.); Eastern Bluebird, 41; Blue-gray Gnatcatcher, 85; Ruby-crowned Kinglet, 4; Water Pipit, 81; Loggerhead Shrike, 50; White-eyed Vireo, 1; Solitary Vireo, 2; Black and White Warbler, 4; Myrtle Warbler, 587; Yellow-throated Warbler, 2; Pine Warbler, 1; Prairie Warbler, 2; Palm Warbler, 134; (1 Yellow); Common Yellowthroat, 14; Eastern Meadowlark, 75; Red-winged Blackbird, 2165; **Rusty Blackbird, 4** (carefully studied—4 observers); Boat-tailed Grackle, 99; Purple Grackle, 12; Cardinal, 45; Eastern Towhee, 16; Savannah Sparrow, 9; **White-throated Sparrow, 2** (1 adult); Swamp Sparrow, 11; Song Sparrow, 2. **Total,** 100 species (2 additional subspecies); about 19,695 individuals. (Seen count period: **Short-tailed Hawk,** Audubon's Caracara, Semipalmated Sandpiper, Oven-bird, Chipping Sparrow.) [Careful details submitted for all unusual observations—ED.]—Harold Abbott, "Skipper" Beheme, Mr. and Mrs. A. C. Brettle, Mr. and Mrs. Talbot Brewer (compilers), Mrs. Allan Brown (compiler), Phillip Clark, Allen Crowley, Mrs. Marion Daughtry, Allen Hitch, Mrs. Kathleen Houck, John Hullinger, Mr. and Mrs. Roy McGee, Mary Miller, Mr. and Mrs. Reginald Morgan, Col. and Mrs. Kevin O'Shea, Mrs. M. A. Phillips, Leslie Ryder, Carl Scott, Nellie Smith, Mrs. Grace Taylor, Mrs. Carl Trube (Manatee County Audubon Society).

210. Panacea, Fla. (same circle and approximately same coverage as in 1954 and '55; Gulf beach 6%, bay shores 6%, fresh-water ponds 7%, rivers [by canoe] 9%, bays and harbors [by boat] 8%, fresh-water marshes 3%, salt marshes 5%, cypress–gum swamps 1%, cultivated fields 1%, pastures and old fields 4%, pine woods 20%, hardwoods 10%, residential sections 3%, roadside [by car] 17%).—Dec. 26; 6:30 a.m. to 6:30 p.m.; about 5% cloudy; temp. 34° to 57°; wind NNW, 0-10 m.p.h. Thirteen observers in 8 parties. Total party-hours, 70 (45 on foot, 13 by car, 12 by boat); total party-miles, 230 (46 on foot, 146 by car, 38 by boat). Common Loon, 40; Horned Grebe, **92**; Pied-billed Grebe, 15; Brown Pelican, 2; Gannet, **20**; Double-crested Cormorant, 47; Water-turkey, 1; Great Blue Heron, 28; Am. Egret, 2; Louisiana Heron, 15; Little Blue Heron, 4; Green Heron, 1; **Yellow-crowned Night Heron, 1** (R.W.); Canada Goose, 200; Mallard, 22; Black Duck, 2; Am. Widgeon, 200; Pintail, 205; Green-winged Teal, 10; Wood Duck, 3; Redhead, 3; Ring-necked Duck, 9; Lesser Scaup, 490; scaup (sp.), 770; Am. Golden-eye, 24; Buffle-head, **70**; Old-squaw, 2 (K.Z., M.Z.); Ruddy Duck, 1; Hooded Merganser, 9; Am. Merganser, 2 (B.B., S.B.); Red-breasted Merganser, 60; Turkey Vulture, 62; Black Vulture, 9; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 4; Bald Eagle, 4; Marsh Hawk, 4; Pigeon Hawk, 1; Sparrow Hawk, **19**; Bob-white, 8; Turkey, **17**; King Rail, 1; Clapper Rail, 3; Sora, 3; Florida Gallinule, 1; Am. Coot, **1200**; Piping Plover, 16; Snowy Plover, 1; Ringed

Plover, 8; Killdeer, 9; Black-bellied Plover, 60; Ruddy Turnstone, 5; Wilson's Snipe, 1; Willet, 32; Greater Yellow-legs, 7; Least Sandpiper, 3; Red-backed Sandpiper, 300; dowitcher, 3 (1 short-billed, other 2?); Semipalmated Sandpiper, 14; Western Sandpiper, **105**; Sanderling, 105; Herring Gull, 86; Ring-billed Gull, 290; Laughing Gull, 13; Forster's Tern, 25; Common Tern, 2 (B.B., S.B.); Royal Tern, 46; Caspian Tern, 1; Black Skimmer, 15; Mourning Dove, 4; Ground Dove, 1; Screech Owl, 1; Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 24; Yellow-shafted Flicker, 24; Pileated Woodpecker, **12**; Red-bellied Woodpecker, 28; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 1; Downy Woodpecker, 14; Red-cockaded Woodpecker, 6; **Western Kingbird, 1** (carefully identified—B.L.); Eastern Phoebe, **49**; Blue Jay, 60; Am. Crow, 185; Fish Crow, 55; Carolina Chickadee, 53; Tufted Titmouse, 42; Brown-headed Nuthatch, 44; Brown Creeper, 3; House Wren, 28; Winter Wren, 5; Carolina Wren, 15; Long-billed Marsh Wren, 3; Short-billed Marsh Wren, 7; Mockingbird, 82; Catbird, 9; Brown Thrasher, **46**; Am. Robin, 775; Hermit Thrush, 18; Eastern Bluebird, 54; Blue-gray Gnatcatcher, **20**; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, **189**; Water Pipit, **100**; Cedar Waxwing, 1; Loggerhead Shrike, 15; Common Starling, 1; Solitary Vireo, **9**; Black and White Warbler, 4; Orange-crowned Warbler, 6; Myrtle Warbler, 660; Yellow-throated Warbler, 3; Pine Warbler, 34; **Prairie Warbler, 1** (H.M.S.); Palm Warbler, 21 (both races); Common Yellowthroat, 19; House Sparrow, 41; Eastern Meadowlark, 44; Red-winged Blackbird, 160; Boat-tailed Grackle, 75; Purple Grackle, 3; Cardinal, 102; Am. Goldfinch, 60; Eastern Towhee, **157**; Savannah Sparrow, 10; Sharp-tailed Sparrow, 1; Seaside Sparrow, 7; Vesper Sparrow, 23; Slate-colored Junco, 3 (B.L.); Chipping Sparrow, 40; Field Sparrow, 57; White-throated Sparrow, **140**; Swamp Sparrow, 52; Song Sparrow, 25. **Total,** 137 species (1 additional subspecies); about 8589 individuals. (Tree Swallow never before missed on this count.) [Excellent report, details for all unusual observations—Ed.]—Benjamin J. Berkowitz, Sylvia Berkowitz, William H. Cross, Robert J. Lemaire, Barbara Lund, Billie J. Lynn, Robert T. Lynn, Storrs Olson, Ernest Stevenson, Henry M. Stevenson (compiler), Richard L. West, Karl Zerbe, Marion Zerbe.

211. **Pensacola, Fla.** (same area as last year, including Garcon Point, all within 15-mile diameter circle; city and suburban 8%, bay shores and open bay 21%, scrub oak 2%, mature Live Oak and deciduous woods 20%, pine woods 16%, pasture and cut-over woods 21%, wooded swamps 2%, fresh-water ponds 4%, salt and brackish marsh 4%, Gulf beach and dunes 2%).—Dec. 29; 6:40 a.m. to 5:15 p.m. Clear; temp. 42° to 52°; wind NNW, 18 m.p.h.; ground clear, pond levels normal, tide very low; high wind all day severe handicap. Thirteen observers in 4 parties. Total party-hours, 38 (19 on foot, 19 by car); total party-miles, 171 (14 on foot, 157 by car). Common Loon, 65; Horned Grebe, 129; Pied-billed Grebe, 44; Brown Pelican, 49; Gannet, 22; Double-crested Cormorant, 214; Great Blue Heron, 15; Am. Egret, 2; Black Duck, 6; Redhead, 8; Canvas-back, 2; Lesser Scaup, 75; Buffle-head, 8; Ruddy Duck, 3; Hooded Merganser, 7; Red-breasted Merganser, 257; Turkey Vulture, 10; Sharp-shinned Hawk, 2; Red-shouldered Hawk, 2; Bald Eagle, 1; Marsh Hawk, 15; Pigeon Hawk, 1; Sparrow Hawk, 14; Ringed Plover, 3; Killdeer, 92; Black-bellied Plover, 11; Wilson's Snipe, 19; Willet, 4; Greater Yellow-legs, 12; Sanderling, 53; Herring Gull, 499; Ring-billed Gull, 1420; Laughing Gull, 489; Bonaparte's Gull, 5; Forster's Tern, 39; Royal Tern, 36; Mourning Dove, 62; Belted Kingfisher, 20; Yellow-shafted Flicker, 29; Red-bellied Woodpecker, 7; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 3; Downy Woodpecker, 7; Eastern Phoebe, 12; Blue Jay, 44; Am. Crow and Fish Crow, 240; Carolina Chickadee, 11; Tufted Titmouse, 31; Brown-headed Nuthatch, 10; Brown Creeper, 1; House Wren, 1; Bewick's Wren, 2; Carolina Wren, 10; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, 2; Mockingbird, 37; Catbird, 1; Brown Thrasher, 15; Am. Robin, 3; Hermit Thrush, 4; Eastern Bluebird, 33; Blue-gray Gnatcatcher, 14; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 69; Water Pipit, 2; Loggerhead Shrike, 22; Common Starling, 99; Solitary Vireo, 3; Orange-crowned Warbler, 7; Myrtle Warbler, 602; Pine Warbler, 51; Palm Warbler, 11; Common Yellowthroat, 6; House Sparrow, 19; Eastern Meadowlark, 93; Red-winged Blackbird, 955; Purple Grackle, 100; Brown-headed Cowbird, 4; Cardinal, 44; **Black-headed Grosbeak, 1** (F.M.W.); Am. Goldfinch, 170; Eastern Towhee, 48; Savannah Sparrow, 32; **Leconte's Sparrow, 3**; Seaside Sparrow, 5; Vesper Sparrow, 78; Slate-colored Junco, 1; Chipping Sparrow, 46; Field Sparrow, 80; White-throated Sparrow, 248; Swamp Sparrow, 36; Song Sparrow, 7. **Total,** 94 species; about 7090 individuals. (Seen in area count period: Am. Bittern, Am. Golden-eye, Red-tailed Hawk, Piping Plover, **Parula Warbler.**) [Exceptionally neat, carefully prepared report with complete details for all unusual observations—Ed.]—Joyce Baxter, Frank Bray, Lyman E. Goodnight, Angus M. McMillan, Jr., Lennie E. Pate, Alan C. Sheppard, Carl H. Struck, Jr., James R. Wagner, Geneva W. Wagner, Maleta M. Wernicke, Francis M. Weston (compiler), A. Frederick Wicke, Jr., Virginia Wicke.

212. **St. Marks, Fla.** (limits of circle same as in 1953-55 and coverage similar to 1955; bay shores 10%, fresh-water and brackish lakes and ponds 6%, rivers [by boat] 13%, bays and harbors [by boat] 8%, fresh-water marshes 2%, salt marshes 6%, cypress–gum swamps 2%, fields and pastures 8%, pine woods 12%, mixed woods 10%, hardwood forests 9%, residential sections 5%, roadside [by car] 9%).—Jan. 1; 6:30 a.m. to 7 p.m.; cloudiness 5%; temp. 49° to 73°; wind WNW, 0-20 m.p.h. Sixteen observers in 7-8 parties. Total party-hours, 70 (48 on foot, 7 by car, 15 by boat); total party-miles, 192 (40 on foot, 110 by car, 42 by boat). Common Loon, 37; **Red-throated Loon, 1** (collected Jan. 3); Horned Grebe, 114; Pied-billed Grebe, 136; Brown Pelican, 1; Double-crested Cormorant, 480; Water-turkey, 55;

Great Blue Heron, 44; Am. Egret, 140; Snowy Egret, 48; Louisiana Heron. 50; Little Blue Heron, 38; Black-crowned Night Heron, 1; Am. Bittern, 1; White Ibis, 5; Canada Goose, 3500; Mallard, 515; Black Duck, 26; Gadwall, 110; Am. Widgeon, 235; Pintail, 125; Green-winged Teal, 145; Shoveller, 38; Wood Duck, 155; Redhead, **3000**; Ring-necked Duck, 34; Canvas-back, 14; Greater Scaup, 7; Lesser Scaup, 220; scaup (sp.), 430; Am. Golden-eye, 6; Buffle-head, 80; Ruddy Duck, 35; Hooded Merganser, 46; Red-breasted Merganser, 210; Turkey Vulture, 165; Black Vulture, 60; Sharp-shinned Hawk, **6**; Cooper's Hawk, 3; Red-tailed Hawk, 9; Red-shouldered Hawk, 13; Bald Eagle, 7; Marsh Hawk, 13; Osprey, 1; Sparrow Hawk, 15; Bob-white, 18; Limpkin, **16**; Clapper Rail, 10; Virginia Rail, 3; Sora, 4; Florida Gallinule, **34**; Am. Coot, 2650; Killdeer, 12; Black-bellied Plover, 13; Ruddy Turnstone, 6; Am. Woodcock, 2; Wilson's Snipe, 22; Willet, 16; Greater Yellow-legs, 4; Lesser Yellow-legs, 1; Red-backed Sandpiper, 360; dowitcher (sp.), 3; peep (sp.), 100; Herring Gull, 46; Ring-billed Gull, **475**; Laughing Gull, 3; Bonaparte's Gull, 1; Forster's Tern, 10; Common Tern, 1 (K.Z., M.Z., E.B.); Royal Tern, 1; Black Skimmer, 2; Mourning Dove, 37; Ground Dove, 8; Screech Owl, 1; Horned Owl, 2; Barred Owl, **11**; **Short-eared Owl,** 1; Whip-poor-will, 1; Belted Kingfisher, 41; Yellow-shafted Flicker, 62; Pileated Woodpecker, **23**; Red-bellied Woodpecker, 55; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 7; Downy Woodpecker, 20; Eastern Phoebe, 76; Vermilion Flycatcher, 1; Tree Swallow, 220; Blue Jay, 156; Am. Crow, 195; Fish Crow, 10; Carolina Chickadee, 57; Tufted Titmouse, 51; Brown-headed Nuthatch, 11; Brown Creeper, 4; House Wren, 27; Winter Wren, 2; Bewick's Wren, 1; Carolina Wren, 61; Long-billed Marsh Wren, 12; Short-billed Marsh Wren, 6; Mockingbird, 93; Catbird, 4; Brown Thrasher, **110**; Am. Robin, 790; Hermit Thrush, 19; Eastern Bluebird, 22; Blue-gray Gnatcatcher, 26; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, **194**; Water Pipit, 40; Loggerhead Shrike, **22**; Common Starling, 160; White-eyed Vireo, 3; Solitary Vireo, **9**; Black and White Warbler, 3; Orange-crowned Warbler, 13; Myrtle Warbler, 760; Yellow-throated Warbler, 6; Pine Warbler, 25; Palm Warbler, 32 (2 races); Common Yellowthroat, 38; House Sparrow, 7; Eastern Meadowlark, 98; Red-winged Blackbird, 2250; Rusty Blackbird, 2; Boat-tailed Grackle, 325; Purple Grackle, 100; Cardinal, 138; Purple Finch, 1; Am. Goldfinch, 82; Eastern Towhee, 163; Savannah Sparrow, 31; Sharp-tailed Sparrow, 5; Seaside Sparrow, 3; Vesper Sparrow, 22; Pine-woods Sparrow, 4; Slate-colored Junco, 1; Chipping Sparrow, 36; Field Sparrow, 12; White-throated Sparrow, 220; Swamp Sparrow, 52; Song Sparrow, 63; **Total,** 142 species (1 additional subspecies); about 21,351 individuals. (Seen count week: Blue-winged Teal; Least, Semipalmated, and Western Sandpipers.) [Neat, carefully prepared report—Ed.]—Eleanor E. Barry, Benjamin J. Berkowitz, Sylvia Berkowitz, William H. Cross, Eugene Cypert, Mary Louise Cypert, Mary Ann Joyner, Barbara Lund, Billie J. Lynn, Robert T. Lynn, Franklin Olson, Ernest Stevenson, Henry M. Stevenson (compiler), Lovett Williams, Jr., Karl Zerbe, Marion Zerbe.

213. St. Petersburg, Fla. (Pinellas Peninsula south of Largo; bay and lake shores 60%, field and marsh 23%, piney land and woods 5%, city street 10%, golf courses 2%).—Dec. 29; 6:30 a.m. to 5:45 p.m. Cloudy to clear; temp. 62° to 56°; wind NW, 25 m.p.h. Twenty-two observers in 11 parties. Total party-hours, 96 (57 on foot, 39 by car); total party-miles, 329 (42 on foot, 287 by car). Common Loon, 22; Horned Grebe, 68; Pied-billed Grebe, 27; White Pelican, 21; Brown Pelican, 329; Double-crested Cormorant, 1365; Water-turkey, 11; Great White Heron, 1 (in area for week, carefully studied); Great Blue Heron, 59; Am. Egret, 22; Snowy Egret, 50; Louisiana Heron, 31; Little Blue Heron, 51; Green Heron, 2; Yellow-crowned Night Heron, 24; Am. Bittern, 1; Wood Ibis, 2; White Ibis, 421; Mallard, 3; Mottled Duck, 1; Gadwall, 8; Pintail, 34; Blue-winged Teal, 14; Wood Duck, 3; Ring-necked Duck, 85; Lesser Scaup, 1328; Ruddy Duck, 5; Hooded Merganser, 1; Red-breasted Merganser, 456; Turkey Vulture, 60; Black Vulture, 17; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 5; Bald Eagle, 9; Marsh Hawk, 3; Sparrow Hawk, 31; Bob-white, 47; Florida Gallinule, 56; Am. Coot, 206; **Am. Oyster-catcher, 16**; Ringed Plover, 182; Wilson's Plover, 13; Killdeer, 132; Black-bellied Plover, 59; Ruddy Turnstone, 243; Wilson's Snipe, 4; **Hudsonian Curlew, 2**; Spotted Sandpiper, 25; Willet, 601; Greater Yellow-legs, 31; Lesser Yellow-legs, 20; Red Knot, 3; Least Sandpiper, 77; Red-backed Sandpiper, 198; Dowitcher, 436; Semipalmated Sandpiper, 335; Western Sandpiper, 96; Marbled Godwit, 33; Sanderling, 131; Am. Avocet, 1; Herring Gull, 1022; Ring-billed Gull, 5905; Laughing Gull, 1069; Bonaparte's Gull, 4; Forster's Tern, 70; Royal Tern, 259; Cabot's Tern, 4; Caspian Tern, 4; Black Skimmer, 775; Ringed Turtle Dove, 10; Mourning Dove, 862; Ground Dove, 62; Belted Kingfisher, 23; Yellow-shafted Flicker, 33; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 1; Eastern Phoebe, 4; **Horned Lark, 25** (C.R.); Blue Jay, 69; Fish Crow, 778; White-breasted Nuthatch, 1; House Wren, 1; Carolina Wren, 4; Mockingbird, 224; Catbird, 9; Brown Thrasher, 1; Am. Robin, 1; Eastern Bluebird, 30; Blue-gray Gnatcatcher, 34; Ruby-crowned Kinglet, 2; Water Pipit, 55; Loggerhead Shrike, 54; Common Starling, **527**; White-eyed Vireo, 1; Black and White Warbler, 3; Myrtle Warbler, 622; Yellow-throated Warbler, 4; Pine Warbler, 1; Prairie Warbler, 11; Palm Warbler, 49; Common Yellowthroat, 10; House Sparrow, 262; Eastern Meadowlark, 51; Red-winged Blackbird, 1035; **Orchard Oriole,** 1 (carefully identified—H.S.); Boat-tailed Grackle, 261; Purple Grackle, 174; Brown-headed Cowbird, 486; Cardinal, 10; Am. Goldfinch, 9; Eastern Towhee, 14; Savannah Sparrow, 19; Chipping Sparrow, 5; Swamp Sparrow, 3; Song Sparrow, 1. **Total,** 119 species; about 22,515 individuals.—Mrs. Frank Anderson, George Barker, Edward Buchwald, Cleora Buchwald, Mabel Cooper, Rev. Duncan Dodd, Louise Forsyth,

Mrs. Hanrahan, Winnie Horne, Ethel Lavers, Elizabeth Leach, Christie Mason, Mary Lou Mills, Daisie M. Morrison (compiler), Sally Pomeroy, Carl C. Radder, Molly Rutherford, Harry S. Slocum, Francis Smith, Mrs. Stevens, Glen E. Woolfenden, Olga Zurcher.

214. **Sarasota, Fla.** (7½-mile radius same as in other years; gulf beach 11%, bay shore 22%, residential 10%, pine woods 6%, mixed woods 6%, freshwater ponds 3%, ranches and farmlands 42%).—Dec. 23; 5:30 a.m. to 5:45 p.m. Early morning fog and clouds, clearing mid-morning; temp. 62° to 72°; wind S, 15 m.p.h. Nine observers in 6 parties. Total party-hours, 42 (10 on foot, 26 by car, 6 by boat); total party-miles, 138 (10 on foot, 123 by car, 5 by boat). Common Loon, 3; Horned Grebe, 9; Pied-billed Grebe, 11; Brown Pelican, 139; Double-crested Cormorant, 62; Water-turkey, 6; Great Blue Heron, 7; Am. Egret, 54; Snowy Egret, 71; Louisiana Heron, 13; Little Blue Heron, 76; Green Heron, 1; Wood Ibis, 29; White Ibis, 68; Mottled Duck, 8; **Redhead,** 1; Ring-necked Duck, 9; Lesser Scaup, 14; Hooded Merganser, 27; Red-breasted Merganser, 35; Turkey Vulture, 47; Black Vulture, 9; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 9; Bald Eagle, 4; Marsh Hawk, 4; Audubon's Caracara, 1; Sparrow Hawk, 29; Bob-white, 58; Sandhill Crane, 20; Florida Gallinule, 8; Am. Coot, 59; Piping Plover, 4; Ringed Plover, 32; Wilson's Plover, 4; Killdeer, **189**; Black-bellied Plover, 19; Ruddy Turnstone, 16; Wilson's Snipe, 12; Spotted Sandpiper, 2; Willet, 25; Greater Yellow-legs, 9; Lesser Yellow-legs, 2; Red Knot, **284**; Least Sandpiper, 6; Red-backed Sandpiper, 17; Dowitcher, 6; Semipalmated Sandpiper, 1; Western Sandpiper, 9; Sanderling, 170; Herring Gull, 800; Ring-billed Gull, 1400; Laughing Gull, 120; Forster's Tern, 13; Royal Tern, 180; Cabot's Tern, 1; Black Skimmer, 325; Mourning Dove, 325; Ground Dove, 37; Screech Owl, 2; Horned Owl, 5; Barred Owl, 5; **Ruby-throated Hummingbird, 2**; Belted Kingfisher, 16; Yellow-shafted Flicker, 20; Red-bellied Woodpecker, 20; Red-headed Woodpecker, 3; Hairy Woodpecker, 1; Eastern Phoebe, 17; Tree Swallow, 55; Blue Jay, 42; Scrub Jay, 1; Am. Crow, 14; Fish Crow, 285; Tufted Titmouse, 3; House Wren, 6; Carolina Wren, 7; Mockingbird, 111; Catbird, 8; Brown Thrasher, 1; Am. Robin, 4; Eastern Bluebird, 34; Blue-gray Gnatcatcher, 22; Ruby-crowned Kinglet, 5; Water Pipit, 20; Loggerhead Shrike, 20; Common Starling, 22; Solitary Vireo, 1; Black and White Warbler, 1; Orange-crowned Warbler, 1; Myrtle Warbler, 240; Yellow-throated Warbler, 1; Pine Warbler, 11; Palm Warbler, 45 (1 Yellow Palm); Common Yellowthroat, 8; House Sparrow, 80; Eastern Meadowlark, 105; Red-winged Blackbird, 750; Boat-tailed Grackle, 235; Purple Grackle, 82; Brown-headed Cowbird, **1500**; Cardinal, 24; Painted Bunting, 2; Am. Goldfinch, 80; Eastern Towhee, 18 (Red-eyed and White-eyed); Savannah Sparrow, 85; Grasshopper Sparrow, 1; Vesper Sparrow, 5; **Lark Sparrow, 34** (1 flock—C.P.P.; still present Jan. 3—numerous observers); Chipping Sparrow, 69; Swamp Sparrow, 1. **Total,** 112 species (2 additional subspecies); about 9033 individuals.—Mrs. Leon H. Brown, George Dillman, Mr. and Mrs. Lawrence K. Jennings, Mr. and Mrs. Joshua B. Platt, Charles P. Preston (compiler), C. Putnam Preston, Jr., Chandler Robbins, Jr. (Sarasota Bird Club and guests).

215. **Titusville–Merritt Island, Fla.** (15-mile diameter from ocean to 3 miles west of Indian River City, north-south diameter through Merritt Island; beach 1%, lagoons and ponds with adjacent marshlands 60%, pinelands 8%, scrub 4%, palmetto 2%, Indian River shores 25%).—Dec. 31; 7 a.m. to 5:30 p.m. Mostly fair; temp. 49° to 74°; wind NW, 0-12 m.p.h. Thirteen observers in 4 parties. Total party-hours, 42 (30 on foot, 10 by car, 2 by boat); total party-miles, 195 (18 on foot, 175 by car, 2 by boat). Common Loon, 9; Horned Grebe, 41; Pied-billed Grebe, 59; Brown Pelican, 282; Double-crested Cormorant, 417; Great Blue Heron, 49; Am. Egret, 35; Snowy Egret, 20; Louisiana Heron, 35; Little Blue Heron, 23; Green Heron, 6; Black-crowned Night Heron, 3; Am. Bittern, 1; Wood Ibis, 12; White Ibis, 48; Am. Widgeon, 5; Blue-winged Teal, 42; Lesser Scaup, 570; Red-breasted Merganser, 2; Turkey Vulture, 60; Black Vulture, 8; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Bald Eagle, 5; Marsh Hawk, 8; Osprey, 3; Pigeon Hawk, 1; Sparrow Hawk, 37; Bob-white, 6; Clapper Rail, 1; Sora, 2; Florida Gallinule, 7; Am. Coot, 1592+; Killdeer, 44; Black-bellied Plover, 5; Ruddy Turnstone, 19; Wilson's Snipe, 7; Spotted Sandpiper, 8; Willet, 11; Greater Yellow-legs, 5; Lesser Yellow-legs, 6; Red Knot, 10; Least Sandpiper, 4; Semipalmated Sandpiper, 2; Western Sandpiper, 5; Sanderling, 74; Herring Gull, 71; Ring-billed Gull, 130; Bonaparte's Gull, 2; Forster's Tern, 2; Royal Tern, 20; Caspian Tern, 3; Black Skimmer, 90; Mourning Dove, 8; Ground Dove, 26; Belted Kingfisher, 21; Yellow-shafted Flicker, 12; Pileated Woodpecker, 1; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 1; Eastern Phoebe, 32; Tree Swallow, 81; Blue Jay, 14; Scrub Jay, 43; Am. Crow, 26; Fish Crow, 310+; Tufted Titmouse, 1; Brown-headed Nuthatch, 1; House Wren, 11; Carolina Wren, 3; Long-billed Marsh Wren, 2; Mockingbird, 58; Catbird, 9; Brown Thrasher, 2; Am. Robin, 38; Eastern Bluebird, 11; Blue-gray Gnatcatcher, 1; Ruby-crowned Kinglet, 5; Cedar Waxwing, 1; Loggerhead Shrike, 19; Common Starling, 126; Orange-crowned Warbler, 1; Myrtle Warbler, 293; Palm Warbler, 90; Common Yellowthroat, 10; House Sparrow, 40; Eastern Meadowlark, 14; Red-winged Blackbird, 97; Boat-tailed Grackle, 197; Purple Grackle, 106; Cardinal, 14; Am. Goldfinch, 6; Eastern Towhee, 15; Savannah Sparrow, 52; Sharp-tailed Sparrow, 3; Seaside Sparrow, 4; Pinewoods Sparrow, 3; Chipping Sparrow, 2; White-throated Sparrow, 1; Swamp Sparrow, 2; Song Sparrow, 3. **Total,** 102 species; more than 5735 individuals.—Fred J. Ackermann, Rose Block, W. M. Davidson (compiler), W. H. Eastman, Mrs. W. H. Eastman, Theresa Gunther, John Hall, Lydia Hamilton, Lucile Norton, Gordon Pennington, Hall Tennis, Doris Thompson, Miriam Vinup.

216. West Palm Beach, Fla. (7½-mile radius centering on Belvedere Road 1.9 miles west of Poinsettia Ave., including Lake Magnolia, Clear Lake, Lake Clarke, part of Lake Osborne, Lake Worth from .7 mile north of Riviera Beach Bridge to .3 mile north of Lantana Bridge; Palm Beach Canal from Lake Worth to .1 mile west of U. S. 441; ocean 28%, scrubby field 22%, scrubby swamp 14%, suburban 19%, urban 11%, salt-water lakes 3%, fresh-water lakes and canals 3%; includes 7 miles of ocean beach and 6 miles of fresh-water canals).—Dec. 29; 7:30 a.m. to 6 p.m. Clear to overcast; temp. 56° to 68°; wind WNW, 12 m.p.h. with gusts to 30 m.p.h. Twenty-four observers in 5 parties. Total party-hours, 184 (122 on foot, 62 by car); total party-miles, 207 (15 on foot, 192 by car). Pied-billed Grebe, 48; Brown Pelican, 330; Double-crested Cormorant, 11; Water-turkey, 32; Great Blue Heron, 109; Am. Egret, 118; Snowy Egret, 41; **Cattle Egret, 14**; Louisiana Heron, 33; Little Blue Heron, 127; Green Heron, 7; Black-crowned Night Heron, 2; Yellow-crowned Night Heron, 5; Am. Bittern, 2; Least Bittern, 3; Wood Ibis, 3; White Ibis, 82; Mallard, 1; Mottled Duck, 1; Am. Widgeon, 2; Blue-winged Teal, 130; Ring-necked Duck, 11; Lesser Scaup, 108; Hooded Merganser, 20; Turkey Vulture, 192; Black Vulture, 13; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Bald Eagle, 1; Marsh Hawk, 4; Osprey, 13; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 187; Bob-white, 70; Sandhill Crane, 2; Limpkin, 8; Florida Gallinule, 43; Am. Coot, 1493; Ringed Plover, 27; Killdeer, 61; Black-bellied Plover, 13; Ruddy Turnstone, 20; Wilson's Snipe, 2; Spotted Sandpiper, 5; Greater Yellow-legs, 4; Least Sandpiper, 23; Dowitcher, 1; Western Sandpiper, 7; Sanderling, 86; Herring Gull, 64; Ring-billed Gull, 3891; Laughing Gull, 9; Bonaparte's Gull, 3; Gull-billed Tern, 1; Forster's Tern, 3; Royal Tern, 5; Caspian Tern, 2; Black Skimmer, 2; Mourning Dove, 86; Ground Dove, 25; Screech Owl, 1; Burrowing Owl, 4; Ruby-throated Hummingbird, 1; Belted Kingfisher, 44; Yellow-shafted Flicker, 27; Red-bellied Woodpecker, 36; Yellow-bellied Sapsucker, 5; Crested Flycatcher, 1; Eastern Phoebe, 41; Tree Swallow, 820; Blue Jay, 12; Scrub Jay, 5; Am. Crow, 246; Fish Crow, 247; House Wren, 7; Short-billed Marsh Wren, 1; Mockingbird, 134; Catbird, 9; Am. Robin, 105; Eastern Bluebird, 14; Blue-gray Gnatcatcher, 35; Loggerhead Shrike, 187; **Yellow-throated Vireo, 3**; Myrtle Warbler, 85; Yellow-throated Warbler, 1; Pine Warbler, 29; Palm Warbler, 208; Common Yellowthroat, 4; House Sparrow, 168; Eastern Meadowlark, 48; Red-winged Blackbird, 542; Boat-tailed Grackle, 83; Purple Grackle, 89; Cardinal, 28; Painted Bunting, 7; Am. Goldfinch, 12; Eastern Towhee, 3; Savannah Sparrow, 1; Chipping Sparrow, 6; Swamp Sparrow, 3. **Total,** 101 species; about 10,917 individuals.—Mr. and Mrs. Henry Burkhardt, Mrs. D. E. Carman, Mrs. Erica Carmel, Mr. and Mrs. W. O. Crossman, E. A. Dillard, Mrs. J. A. Kennedy, Mr. and Mrs. M. C. Krantz, Mrs. Roberta Knight, Mrs. M. G. Nelson, Donna Northup, Mr. and Mrs. Simon Olson (compiler), Capt. and Mrs. B. H. Rigg (compiler), Mrs. Eleanor Smith, Mrs. Alice Stearns, Mrs. Mabel Strickland, Mrs. Alice Swain, Mrs. Earl Terry, Mrs. Frank Truxal, Mr. Keko Vassiliev (Audubon Society of the Everglades).

217. Ashland, Ohio (regular area at Charles Mill Dam Reservoir plus Goose Pond in eastern Ashland County; deciduous woods 35%, fields 25%, cultivated fields 5%, marsh and bushy swamps 25%, roadsides 8%, pine plantings 2%).—Dec. 30; 7:45 a.m. to 5 p.m. Partly cloudy; temp. 14° to 23°; wind SW, 0-15 m.p.h.; ground with 3-in. snow, lake with few open stretches. Sixteen observers in 5 parties. Total party-hours, 36 (35 on foot, 1 by car); total party-miles, 66 (42 on foot, 24 by car). **Horned Grebe, 1**; Great Blue Heron, 2; Am. Bittern, 1; Mallard, 6; Black Duck, 10; Am. Golden-eye, 2; Buffle-head, 5; Hooded Merganser, 3; Am. Merganser, 2; Cooper's Hawk, 3; Red-tailed Hawk, 4; **Rough-legged Hawk, 1**; Bald Eagle, 1; Marsh Hawk, 5; Sparrow Hawk, 3; Bob-white, 80; Ring-necked Pheasant, 1; Killdeer, 2; Wilson's Snipe, 3; Herring Gull, 2; Mourning Dove, 17; Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 8; Pileated Woodpecker, 3; Red-bellied Woodpecker, 31; Red-headed Woodpecker, 3; Hairy Woodpecker, 20; Downy Woodpecker, 69; Horned Lark, 22; Blue Jay, 48; Am. Crow, 3; Black-capped Chickadee, 96; Tufted Titmouse, 123; White-breasted Nuthatch, 83; Brown Creeper, 1; Winter Wren, 3; Carolina Wren, 4; Am. Robin, 3; Eastern Bluebird, 33; Golden-crowned Kinglet, 36; Common Starling, 665; Myrtle Warbler, 4; House Sparrow, 244; Eastern Meadowlark, 7; Red-winged Blackbird, 3; Rusty Blackbird, 2; Purple Grackle, 1; Cardinal, 154; Purple Finch, 4; Am. Goldfinch, 32; Eastern Towhee, 2; Slate-colored Junco, 331; Am. Tree Sparrow, 513; Swamp Sparrow, 46; Song Sparrow, 215. **Total,** 57 species; about 2977 individuals.—Byron Burnett, Paul D. Harwood, Sarah Harwood, Burton C. Kahl (compiler), David A. Kahl, S. M. Martin, John McCarter, Robert McEvoy, Maurice R. Newkirk, Charles S. Ross, Robert Sparr, Thomas Thornburg, Steve Webster, Mrs. Robert W. Wolfgang, Robert W. Wolfgang, Joe Yeagle.

218. Ashtabula, Ohio (Lake Erie shore from west of Ashtabula to Conneaut, lake plain inland 4 miles, equal area of uplands further south; habitat coverage same as last 20 years).—Dec. 27; 7 a.m. to 6 p.m. Intermittent snow or sleet; temp. 32° to 35°; wind SW to NW, 5-15 m.p.h., gusts to 35 m.p.h.; 2-4-in. snow near lake, more inland. Eight observers in 4 parties. Total party-hours, 31 (19 on foot, 12 by car); total party-miles, 137 (17 on foot, 120 by car). Horned Grebe, 1; Pied-billed Grebe, 1; **Black-crowned Night Heron, 1**; Canada Goose, 1; **Blue Goose, 2**; Mallard, 27; Black Duck, 67; **Gadwall, 6**; Redhead, 2; Canvas-back, 11; Greater Scaup, 3; Lesser Scaup, 323; Am. Golden-eye, 234; Buffle-head 1; **White-winged Scoter, 1**; Hooded Merganser, 3; Am. Merganser, 7; Cooper's Hawk, 2; Red-tailed Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 7; Ruffed Grouse, 4; Bob-white, 16; Ring-necked Pheasant, 4; Am. Coot, 2; **Killdeer, 1**; Great Black-backed Gull, 2; Herring Gull, 2465; Ring-billed Gull, 45; Bonaparte's Gull, 399;

Mourning Dove, 9; Barn Owl, 1; **Snowy Owl, 1**; Barred Owl, 1; **Short-eared Owl, 17**; Belted Kingfisher, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Hairy Woodpecker, 8; Downy Woodpecker, 14; Horned Lark, 37 (2 races); Blue Jay, 57; Am. Crow, 37; Black-capped Chickadee, 96; Tufted Titmouse, 13; White-breasted Nuthatch, 14; Brown Creeper, 6; Winter Wren, 1; Carolina Wren, 3; Am. Robin, 1; **Eastern Bluebird, 2**; Golden-crowned Kinglet, 36; Cedar Waxwing, 3; **Gray Shrike, 7**; Common Starling, 1733; House Sparrow, 898; Cardinal, 105; Am. Goldfinch, 9; Slate-colored Junco, 68; Am. Tree Sparrow, 106; Song Sparrow, 20; Lapland Longspur, 3; Snow Bunting, 39; **Total,** 63 species (1 additional subspecies); about 6991 individuals. (Seen recently in area: Long-eared Owl, Common Redpoll.)—Bernard Budd, James Budd, A. H. Claugus, Lawrence E. Hicks (compiler), Ernie Limes, Richard Rutter, Ronald Rutter, Paul H. Savage, Howard P. Walding.

219. **Brecksville, Ohio** (area in and around Brecksville).—Dec. 29; 8 a.m. to 4:45 p.m. Snow squalls; temp. 26° to 24°; wind W, 5 m.p.h. Thirteen observers in 10 parties. Total party-hours, 56; total party-miles, 35 (30 on foot, 5 by car). Cooper's Hawk, 1; Bob-white, 9; Ring-necked Pheasant, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 2; Hairy Woodpecker, 9; Downy Woodpecker, 50; Blue Jay, 32; Black-capped Chickadee, 68; Tufted Titmouse, 44; White-breasted Nuthatch, 27; Carolina Wren, 4; Mockingbird, 1; Am. Robin, 1; Golden-crowned Kinglet, 2; Common Starling, 6; **Cape May Warbler, 1** (seen repeatedly through Dec.); Myrtle Warbler, 15; House Sparrow, 230; Cardinal, 100; Am. Goldfinch, 7; Slate-colored Junco, 105; Am. Tree Sparrow, 50; White-throated Sparrow, 1; Song Sparrow, 9. **Total,** 26 species; about 778 individuals.—H. E. Agnor, Jr., Mrs. M. C. Agnor, Mrs. R. R. Cull, Judd M. Hostetler, Mrs. L. Merle Hostetler (compiler), Mrs. R. J. Kutler, Michael Lister, Mrs. A. E. Luedy, R. C. McKay, Jerry Piskac, Mrs. T. R. Rodgers, Mrs. H. I. Smith, Mrs. R. J. Thayer.

220. **Buckeye Lake, Ohio** (same area as in past 31 years; deciduous woodlands 60%, open farmland 30%, bushy swamp and cattail marsh 10%). —Dec. 30; 7 a.m. to 5 p.m. Partly cloudy; temp. 14° to 28°; wind SW to W, 0-10 m.p.h.; 85% of ground with 1-in. newly-fallen snow, lake had become mostly ice-covered over night, streams mostly free of ice. Twenty-two observers in 7 parties. Total party-hours, 92 (80 on foot, 12 by car); total party-miles, 215 (70 on foot, 145 by car). Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 2; Great Blue Heron, 5; Mallard, 1822; Black Duck, 1605; Gadwall, 1; Am. Widgeon, 22; Pintail, 6; Green-winged Teal, 2; Shoveller, 5; Redhead, 1; Ring-necked Duck, 2; Canvas-back, 9; Lesser Scaup, 5; Am. Golden-eye, 26; Buffle-head, 9; Ruddy Duck, 4; Hooded Merganser, 8; Am. Merganser, 6; Sharp-shinned Hawk, 1; Cooper's Hawk, 7; Red-tailed Hawk, 21; Red-shouldered Hawk, 3; Marsh Hawk, 20; Sparrow Hawk, 23; Bob-white, **279**; Ring-necked Pheasant, 7; Am. Coot, 5; Killdeer, 25; Wilson's Snipe, 2; Herring Gull, 30; Ring-billed Gull, 6; Bonaparte's Gull, 1; Mourning Dove, 372; Barn Owl, 3; Screech Owl, 2; Horned Owl, 1; Barred Owl, 8; Belted Kingfisher, 5; Yellow-shafted Flicker, 185; Pileated Woodpecker, 18; Red-bellied Woodpecker, 66; Red-headed Woodpecker, **268**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 41; Downy Woodpecker, 244; Eastern Phoebe, 1; Horned Lark, 622; Blue Jay, 353; Am. Crow, 11; Carolina Chickadee, 252; Tufted Titmouse, 299; White-breasted Nuthatch, 159; Red-breasted Nuthatch, 1; Brown Creeper, 70; Winter Wren, 2; Carolina Wren, 41; Long-billed Marsh Wren, 4; Short-billed Marsh Wren, 2; Mockingbird, 4; Am. Robin, 4; Eastern Bluebird, 32; Golden-crowned Kinglet, 34; Ruby-crowned Kinglet, 1; Water Pipit, 6; Cedar Waxwing, 5; Gray Shrike, 1; Loggerhead Shrike, 2; Common Starling, 1668; Myrtle Warbler, 11; **Palm Warbler, 2**; **Common Yellowthroat, 2**; **Yellow-breasted Chat, 1**; House Sparrow, 3455; Eastern Meadowlark, 387; Red-winged Blackbird, 112; Rusty Blackbird, 25; Purple Grackle, **3508**; Brown-headed Cowbird, 85; Cardinal, 558; Purple Finch, 35; Pine Siskin, 2; Am. Goldfinch, 29; Eastern Towhee, **134**; Savannah Sparrow, 2; Vesper Sparrow, 1; Slate-colored Junco, 521; **Oregon Junco, 2**; Am. Tree Sparrow, 1355; Field Sparrow, 3; White-crowned Sparrow, **126**; White-throated Sparrow, 3; Swamp Sparrow, **128**; Song Sparrow, 718; Lapland Longspur, 2; Snow Bunting, 8. **Total,** 97 species; about 19,955 individuals. [Exceptionally neat, carefully prepared count—Ed.]—David F. Baker, Clarence Bateman, Arthur C. Borror, Harold E. Burtt, Audrey H. Claugus, Eugene H. Dustman, Gareth E. Gilbert, Charles R. Goslin, Eugene E. Hast, Lawrence E. Hicks, Irving Kassoy, Robert Kavanagh, Ernest Limes, Harry B. Moore, Ralph E. Ramey, Irvin B. Rickly, Paul A. Stewart, William D. Stull, Roderick Suthers, Edward S. Thomas, Milton B. Trautman (compiler), Walter A. Tucker (Wheaton Club and guests).

221. **Bucyrus, Ohio** (Kuehnle, Cook, and Rexroth farms southeast of city to intersection of Mt. Vernon Rd. and Galion Rd.; mixed deciduous woods 45%, wooded bottomlands 40%, cultivated fields 15%).—Dec. 28; 8 a.m. to 5 p.m. Snowing; temp. 29° to 34°; wind N, 12 m.p.h.; 1-in. snow on ground, additional 2-in. during day. Four observers in 1 party. Total party-hours, 9 (8 on foot, 1 by car); total party-miles, 25 (22 on foot, 3 by car). Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 20; Ring-necked Pheasant, 1; Mourning Dove, 41; Horned Owl, 1; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 14; Hairy Woodpecker, 1; Downy Woodpecker, 18; Horned Lark, 22; Blue Jay, 36; Am. Crow, 3; Carolina and Black-capped Chickadee, 16; Tufted Titmouse, 49; White-breasted Nuthatch, 37; Brown Creeper, 3; Golden-crowned Kinglet, 2; Common Starling, 57; House Sparrow, 380; Cardinal, 38; Am. Goldfinch, 6; Slate-colored Junco, 48; Am. Tree Sparrow, 25; Song Sparrow, 49. **Total,** 27 species; about 896 individuals.—Judy Kuehnle, Paul Kuehnle (compiler), Robert Mills, Merlin C. Probst.

222. **Burton, Ohio** (7½-mile radius with center at Burton, including Punderson State Park, East Claridon Reservoir, Cuyahoga River Valley south to Welshfield; deciduous forest 30%, lakes and lake shore 25%, open field 20%, river valley 10%, urban 10%, evergreen forest 5%, 3 feeding stations).—Jan. 1; 7:30 a.m. to 5:30 p.m. Cloudy, heavy snow a.m., clearing p.m.; temp. 22° to 16°; wind W to SW, 12-35 m.p.h.; 3-in. snow on ground, 2-in. falling during day, Cuyahoga River and Punderson Lake open, other lakes frozen. Six observers in 3 parties. Total party-hours, 34 (19 on foot, 15 by car); total party-miles, 60 (17 on foot, 43 by car). **Pied-billed Grebe, 2**; Mallard, 27; Ring-necked Duck, 8; Canvasback, 21; Buffle-head, 1; Cooper's Hawk, 1; **Am. Coot, 4**; Hairy Woodpecker, 2; Downy Woodpecker, 11; Blue Jay, 17; Black-capped Chickadee, 20; Tufted Titmouse, 10; White-breasted Nuthatch, 5; Common Starling, 32; House Sparrow, 92; Cardinal, 29; Am. Goldfinch, 1; Slate-colored Junco, 32; Am. Tree Sparrow, 21; Song Sparrow, 4. **Total,** 20 species; about 340 individuals. (Seen count period: Marsh Hawk, Mourning Dove.)—Mary Andrews, Robert McCullough (compiler), Alan Nicol, Marie Patchin, Frank Samuel, Paul Smith.

223. **Cadiz, Ohio** (west to Tappan Lake shore, same general area as in past 56 years; fields and roadsides 40%, deciduous woodland 25%, lake shore and pine groves 15%, brushy thickets 10%, village yards 10%).—Dec. 26; 8 a.m. to 6 p.m. Cloudy, bright to heavy clouds; temp. 28° to 38°; wind 5-15 m.p.h.; old snow patches, water open. Six observers in 2 parties. Total party-hours, 18 (10 on foot, 8 by car); total party-miles, 140 (11 on foot, 129 by car). Pied-billed Grebe, 4; Great Blue Heron, 2; Black Duck, 8; Hooded Merganser, 3; Am. Merganser, 8; Red-tailed Hawk, 3; Sparrow Hawk, 3; Ruffed Grouse, 3; Bob-white, 27; Am. Coot, 1; Killdeer, 30; Ring-billed Gull, 1; Mourning Dove, 24; Belted Kingfisher, 2; Yellow-shafted Flicker, 6; Pileated Woodpecker, 3; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 8; Eastern Phoebe, 1; Horned Lark, 35; Blue Jay, 2; Am. Crow, 10; Carolina Chickadee, 13; Tufted Titmouse, 15; White-breasted Nuthatch, 3; Brown Creeper, 2; Carolina Wren, 5; Mockingbird, 1; Eastern Bluebird, 1; Common Starling, 369; House Sparrow, 113; Eastern Meadowlark, 52; Cardinal, 27; Am. Goldfinch, 3; Eastern Towhee, 1; Slate-colored Junco, 165; Am. Tree Sparrow, 178; Song Sparrow, 22. **Total,** 41 species; about 1167 individuals. (Rough-legged Hawk, Sharp-shinned Hawk, Palm Warbler seen count period.)—John G. Worley (compiler), David E. Worley, Clara C. Worley, L. Milton Ronsheim, Mary Ronsheim Ford, Tom Ford.

With deep regret *Audubon Field Notes* publishes a report from Cadiz, Ohio, without the name of Mr. H. B. McConnell who for 56 years was an enthusiastic participant in the annual Christmas Bird Count. Mr. McConnell passed away in September 1956 at the age of 89.

224. **Cincinnati, Ohio** (same area as previous 9 years).—Dec. 30; 7:30 a.m. to 5:30 p.m. Clear; temp. 21° to 42°; wind S to SW, 6-8 m.p.h.; ground with 1-in. snow which partly melted during day, skim of ice on ponds in morning, rivers open. Sixty-eight observers in 8 parties. Total party-hours, 144 (114 on foot, 30 by car); total party-miles, 354 (124 on foot, 230 by car). Pied-billed Grebe, 2; Great Blue Heron, 1; Canada Goose, 21; Mallard, **596**; Black Duck, 72; Pintail, 5; Blue-winged Teal, **4**; Lesser Scaup, **24**; Am. Golden-eye, 5; Hooded Merganser, 2; Am. Merganser, 3; Sharp-shinned Hawk, 2; Cooper's Hawk, **15**; Red-tailed Hawk, 18; Red-shouldered Hawk, 6; Marsh Hawk, **11**; Sparrow Hawk, 24; Bob-white, 86 (12 coveys); Am. Coot, 5; Killdeer, **108**; Wilson's Snipe, 1; Ring-billed Gull, 5; Mourning Dove, **722**; Barn Owl, 1; Screech Owl, 1; Horned Owl, **2**; Barred Owl, **12**; Saw-whet Owl, 1; Belted Kingfisher, 12; Yellow-shafted Flicker, 143; Red-bellied Woodpecker, **140**; Red-headed Woodpecker, 54; Yellow-bellied Sapsucker, 14; Hairy Woodpecker, 29; Downy Woodpecker, 368; Eastern Phoebe, 2; Horned Lark, 297; Blue Jay, 137; Am. Crow, 843; Carolina Chickadee, **1019**; Tufted Titmouse, **721**; White-breasted Nuthatch, 28; Red-breasted Nuthatch, 4; Brown Creeper, 14; Winter Wren, 5; Carolina Wren, 259; Mockingbird, **49**; Catbird, **3**; Am. Robin, 99; Eastern Bluebird, 170; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 1; Cedar Waxwing, 25; Common Starling, **7165**; Myrtle Warbler, 52; Palm Warbler, 4; House Sparrow, 2074; Eastern Meadowlark, **73**; Red-winged Blackbird, **318**; Rusty Blackbird, 18; Purple Grackle, 2; Brown-headed Cowbird, **643**; Cardinal, 1246; Purple Finch, 2; Pine Siskin, 4; Am. Goldfinch, 433; Eastern Towhee, 130; Savannah Sparrow, **6**; Slate-Colored Junco, **1774**; Am. Tree Sparrow, 572; Field Sparrow, **72**; White-crowned Sparrow, **75**; White-throated Sparrow, 174; Fox Sparrow, **9**; Swamp Sparrow, 53; Song Sparrow, 740; **Snow Bunting, 2. Total,** 77 species; about 21,840 individuals.—Ronald Austing, Nick Acheson, Tom Becker, Mr. and Mrs. W. Benway, Gretchen Bohlander, Elizabeth Braunecker, Barbara Briggs, Gifford Briggs, Helen and Louise Brinkmann, Elizabeth Brockschlager, Tony Brueneman, Ralph Carpenter, Cecil Chambers, Margaret Chambers, Mr. and Mrs. Richard Deupree, Edward Fairchild, Paul Feist, Harrison Field, E. P. Floyd, David, Edwina and Gardner Griffin, W. W. Goodpaster, Frank Harbaum, Paul Hellman, Ron Helwig, Joe Higgins, Kent Hodgetts, Ed. Johnstone, Emerson Kemsies, Mariam Klehm, Don Koehler, Irvin Kron, David and Vivian Kunkel, Bob Kuntz, Karl and Peter Maslowski, W. H. Mers, Frank Neuffer, Roland Oliver, Warren Parks, Paul Puttman, Harry Roach, Stanley Rowe, Stanley Rowe, Jr., Jay Sheppard, Neva Sjodahl, Sven Sjodahl (compiler), Anna Lou Smethurst, Herschel Stone, Sophie Strubbe, Ida Suttman, Rev. C. J. Taylor, J. Wallace Taylor, Bill Turner, Jim Upson, W. Wagner, Virginia Watts, Dave Werner, Sandra Woodward, Jean

Wright, Mitchell Zavon, Jan and John Zimmerman (Cincinnati Bird Club and friends).

225. Cleveland, Ohio (same area as previous 9 years, 5% increase of town suburbs and 5% decrease of open fields).—Dec. 29; 8 a.m. to 5 p.m. Steady snowfall until 4 p.m.; temp. 19° to 27°; wind NW, 15-25 m.p.h.; 4-9-in. snow, some water open. Twenty-seven observers in 13 parties. Total party-hours, 90 (54 on foot, 36 by car); total party-miles, 364 (63 on foot, 301 by car). Horned Grebe, 2; Mallard, 235; Black Duck, 202; Lesser Scaup, 102; Am. Golden-eye, 36; Ruddy Duck, 130; Hooded Merganser, 3; Am. Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 4; Herring Gull, 588; Ring-billed Gull, 927; Bonaparte's Gull, 425; Mourning Dove, 123; Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Pileated Woodpecker, 6; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 17; Downy Woodpecker, 50; Horned Lark, 2; Blue Jay, 73; Am. Crow, 5; Black-capped Chickadee, 160; Tufted Titmouse, 73; White-breasted Nuthatch, 56; Red-breasted Nuthatch, 2; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 5; Brown Thrasher, 1; Am. Robin, 5; Golden-crowned Kinglet, 22; Cedar Waxwing, 45; Common Starling, 380; Myrtle Warbler, 1; House Sparrow, 938; Eastern Meadowlark, 11; Cardinal, 242; Am. Goldfinch, 15; Eastern Towhee, 3; Slate-colored Junco, 262; Am. Tree Sparrow, 170; White-throated Sparrow, 2; Song Sparrow, 28. **Total,** 51 species; about 5378 individuals.—James F. Akers, L. P. Barbour, Margaret Brown, Vera Carrothers, C. T. Downer, Mrs. C. M. Finfrock, Adela Gaède, Carl F. Hamann, Constance K. Hamann, J. Neil Henderson, Frank P. McConoughey, Helen J. McCormack, Lucille M. Maly, Robert Maly, Howard Martin, Donald Newman, Margaret E. Perner, Marjorie Ramisch, Margaret E. Sherwin, Merit B. Skaggs, Paul Smith, Mike Staske, David M. Swetland, Allen Valentine, Harold E. Wallin, Cynthia Weir, Robert Williams (Kirtland Bird Club and others).

226. Columbus, Ohio (same area as last 2 years, 7½-mile radius centering near Fifth and Cassady Aves.; farmland 40%, town suburbs 23%, woodland 17%, wooded stream bank 17%, open grove 3%).—Dec. 23; 7 a.m. to 5 p.m. Cloudy, occasional rain a.m.; temp. 41° to 54°; wind E, 4-16 m.p.h.; ground bare, streams open. Thirty-six observers in 9 parties, these subdividing on occasion. Total party-hours, 96 (87 on foot, 9 by car); total party-miles, 217 (90 on foot, 127 by car). Horned Grebe, 3; Pied-billed Grebe, 3; Mallard, 120; Black Duck, 1015; Gadwall, 1; Green-winged Teal, 1; Ring-necked Duck, 2; Am. Golden-eye, 3; Cooper's Hawk, 4; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 44; Bob-white, 116; Ring-necked Pheasant, 30; Am. Coot, 12; Killdeer, 1; Herring Gull, 1; Mourning Dove, 581; Barn Owl, 1; Barred Owl, 5; Long-eared Owl, 1; Belted Kingfisher, 13; Yellow-shafted Flicker, 142; Pileated Woodpecker, 4; Red-bellied Woodpecker, 39; Red-headed Woodpecker, 117; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 20; Downy Woodpecker, 172; Horned Lark, 8; Blue Jay, 176; Am. Crow, 102; Carolina Chickadee, 220; Tufted Titmouse, 231; White-breasted Nuthatch, 114; Brown Creeper, 42; Winter Wren, 2; Carolina Wren, 55; Mockingbird, 9; Am. Robin, 60; Eastern Bluebird, 33; Golden-crowned Kinglet, 49; Cedar Waxwing, 2; Common Starling, 1692; Myrtle Warbler, 13; House Sparrow, 1680; Eastern Meadowlark, 16; Purple Grackle, 1; Brown-headed Cowbird, 4; Cardinal, 482; Purple Finch, 5; Am. Goldfinch, 67; Eastern Towhee, 28; **Vesper Sparrow, 2**; Slate-colored Junco, 615; Am. Tree Sparrow, 646; **Field Sparrow, 2**; **White-crowned Sparrow, 32**; **White-throated Sparrow, 7**; **Fox Sparrow, 1**; Swamp Sparrow, 2; Song Sparrow, 212. **Total,** 63 species; about 9069 individuals. (Pine Siskin, **Oregon Junco** seen count period.)—D. F. Baker, A. C. Borror, D. J. Borror, B. Cellar, A. H. Claugus, Sharon Damsel, R. G. Fankhauser, D. Gillespie, N. Hall, L. E. Hicks, Mr. and Mrs. R. H. Kohler, Mr. and Mrs. A. S. Kiefer, E. Limes, Mrs. Milford Markham, Mrs. Una E. Miller, E. H. Pierce, E. E. Postle, J. W. Price, W. B. Price, T. H. Reamer, Mr. and Mrs. E. F. Reichelderfer, Mr. and Mrs. H. W. Schuer, C. B. Sloan, P. A. Stewart, J. S. Thomas, Mr. and Mrs. E. S. Thomas (compilers), N. P. Thomson, M. B. Trautman, W. A. Tucker (Columbus Audubon Society).

227. Cuyahoga Falls, Ohio (7½-mile radius centering on the square of Cuyahoga Falls, same area as last year; deciduous woods 45%, lakes and lake shores 21%, valley of Cuyahoga River 20%, fields and farmland 10%, college campus, golf course, parkland 2%, swamps 2%, 5 feeding stations).—Dec. 23; 7:30 a.m. to 5:30 p.m. Overcast nearly all day, light sprinkle p.m.; temp. 35° to 50°; wind SE to SW, 3-8 m.p.h.; no snow, Cuyahoga River and lakes open. Twenty-three observers in 13 parties. Total party-hours, 67 (47 on foot, 20 by car); total party-miles, 202 (32 on foot, 170 by car). Pied-billed Grebe, 45; Mallard, 823; Black Duck, 204; Am. Widgeon, 15; Redhead, 6; Ring-necked Duck, 1; Canvas-back, 29; Lesser Scaup, 108; Am. Golden-eye, 43; Buffle-head, 12; Ruddy Duck, 55; Hooded Merganser, 31; Am. Merganser, 27; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Marsh Hawk, 2; Bob-white, 26; Ring-necked Pheasant, 1; Am. Coot, 7; Herring Gull, 1; Mourning Dove, 10; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 1; Hairy Woodpecker, 21; Downy Woodpecker, 79; Blue Jay, 95; Am. Crow, 7; Black-capped Chickadee, 179; Tufted Titmouse, 61; White-breasted Nuthatch, 58; Brown Creeper, 5; Carolina Wren, 2; Am. Robin, 1; Golden-crowned Kinglet, 15; Common Starling, 274; Myrtle Warbler, 1; House Sparrow, 393; Cardinal, 85; Am. Goldfinch, 10; Eastern Towhee, 1; Slate-colored Junco, 192; Am. Tree Sparrow, 185; Swamp Sparrow, 1; Song Sparrow, 37. **Total,** 47 species; about 3162 individuals.—Mrs. Elmer Adams, Carl Carlozzi, Andre Clewell, Ralph W. Dexter (compiler), Mrs. F. R. Fouse, Carlin F. Gibbs, Mrs. Mary Gibson, Mrs. Paul J. Hughey, Mrs. Wilma Hull, Mrs. Frank Humiston,

Mrs. Donato Internoscia, Frank G. Ireland, James Jaccand, Mrs. Grace Leathers, Mrs. John W. Liska, Mr. and Mrs. F. M. McLaughlin, Howard L. Rupert, Emmett L. Shellenberger, Mrs. Thurman M. Taylor, Mr. and Mrs. George O. Wiley, Mrs. A. W. Woodward (Cuyahoga Falls Audubon Club).

228. Dayton, Ohio (nearly same area as in past 26 years).—Dec. 30; 7 a.m. to 6 p.m. Clear; temp. 14° to 36°; wind NNW, 11-20 m.p.h.; streams open, some ice in lakes, 2-in. snow. Fifty-five observers in 14 parties. Total party-hours, 78 (67 on foot, 11 by car); total party-miles, 275 (68 on foot, 207 by car). Pied-billed Grebe, 4; Great Blue Heron, 1; Black-crowned Night Heron, 27; **Yellow-crowned Night Heron, 1** (carefully studied—Blincoes); Mallard, 108; Black Duck, 87; Pintail, 1; Am. Golden-eye, 1; Turkey Vulture, 1; Cooper's Hawk, 3; Red-tailed Hawk, 6; Red-shouldered Hawk, 6; **Broad-winged Hawk, 1** (carefully identified—C.O.H.); Rough-legged Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 17; Bob-white, 181; Ring-necked Pheasant, 44; Killdeer, **30**; Mourning Dove, 179; Barn Owl, 1; Screech Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 22; Red-bellied Woodpecker, 16; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 13; Downy Woodpecker, 137; Horned Lark, 63; Blue Jay, 41; Am. Crow, 767; Black-capped Chickadee, 13; Carolina Chickadee, 286; Tufted Titmouse, 135; White-breasted Nuthatch, 32; Brown Creeper, 23; Winter Wren, 10; Carolina Wren, **68**; Mockingbird, 11; Am. Robin, **1378**; Eastern Bluebird, 14; Golden-crowned Kinglet, 17; Ruby-crowned Kinglet, 1; Cedar Waxwing, 11; Common Starling, 14,092; House Sparrow, 907; Red-winged Blackbird, 1; Purple Grackle, 3; Brown-headed Cowbird, 17; Cardinal, 385; Purple Finch, 6; Am. Goldfinch, 34; Eastern Towhee, 19; Slate-colored Junco, **1099**; Am. Tree Sparrow, 487; **Chipping Sparrow, 3** (W.S.); White-throated Sparrow, 10; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 164. **Total,** 60 species; about 21,006 individuals.—Merval Anthony, Charles Argast, David Beach, Roger Beach, Ben. J. Blincoe (compiler), Edith Blincoe, Joe Boone, David Booher, Charles Bowie, Richard Bowers, Charles Breish, Norman Bright, Jack Confer, Leonard Confer, Mary Confer, Dorothy Dover, Dorothea Eikenbary, Gerald Doig, Gertrude Gerlaugh, James Gessaman, Elizabeth Grill, Carl Horst, Walter Horst, Norma Hume, E. J. Koestner, David Knoop, Paul Knoop, Sonny Knoop, Ned Lewis, James McMahon, Elspeth MacCallum, Frances McFarlan, Denis Prager, Robert Prager, Roger Prager, Sybil Prager, Everett Richards, Dorothy Richards, Eva Ruhl, Ralph Scott, Anna Marie Schoman, Bert Smith, Glenn Smith, Lee Smith, Walter Smith, Mr. and Mrs. Herbert Shinkle, Dorothy Somers, Fred Stoner, Anne Tuhey, Betty Williams, Bob Williams, Carl Williams, Jim Williams, Catherine Hadeler (Dayton Audubon Society).

229. Delaware, Ohio (same area as last year, includes only Delaware Reservoir wildlife area).—Dec. 27; 4 a.m. to 5 p.m. Overcast most of day; temp. 32° to 38°; wind W, 5-15 m.p.h.; reservoir unfrozen, ground lightly covered with snow morning, mostly bare late afternoon. Seventeen observers in 4 parties. Total party-hours, 34 (32 on foot, 2 by car); total party-miles, 57 (32 on foot, 25 by car). Great Blue Heron, 1; Mallard, 140; Black Duck, 51; Redhead, 1; Ring-necked Duck, 3; Lesser Scaup, 8; Am. Golden-eye, 3; **Surf Scoter, 1** (all field marks); Cooper's Hawk, 5; Red-tailed Hawk, 2; Marsh Hawk, 9; Sparrow Hawk, 3; Bob-white, 99; Ring-necked Pheasant, 2; Ring-billed Gull, 24; Mourning Dove, 10; Barn Owl, 2; Screech Owl, 5; Belted Kingfisher, 2; Yellow-shafted Flicker, 10; Red-bellied Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 41; Horned Lark, 24; Blue Jay, 46; Am. Crow, 7; Carolina Chickadee, 36; Tufted Titmouse, 73; White-breasted Nuthatch, 24; Brown Creeper, 12; Winter Wren, 2; Carolina Wren, 5; Am. Robin, 3; Golden-crowned Kinglet, 1; Loggerhead Shrike, 1; Common Starling, 537; House Sparrow, 191; Eastern Meadowlark, 6; Red-winged Blackbird, 2; Rusty Blackbird, **41**; Brown-headed Cowbird, 1; Cardinal, 41; Am. Goldfinch, 60; Eastern Towhee, 1; Slate-colored Junco, 94; Am. Tree Sparrow, 1509; Field Sparrow, 7; White-crowned Sparrow, 16; Swamp Sparrow, 15; Song Sparrow, 144. **Total,** 50 species; about 3325 individuals. (Seen in area count period: Pied-billed Grebe, Short-eared Owl, Saw-whet Owl, Lapland Longspur.)—Arthur Borror, A. S. Bradshaw, G. W. Burns, George W. Cox (compiler), T. D. Graham, R. R. Greene, J. H. Lancaster, F. W. Logan, Rae Roney, Carolyn Shirling, Elwood Shirling, Janet Shirling, Libbie Stull, Susie Stull, W. D. Stull, R. A. Suthers, H. H. Wyss.

230. Hamilton, Ohio (same area covered for 37 years).—Dec. 24; 8 a.m. to 5 p.m. Rain and snow; temp. 36° to 32°; wind W, 10 m.p.h.; ground bare. One observer. Total hours, 8 (5 on foot, 3 by car); total miles, 38 (8 on foot, 30 by car). Pied-billed Grebe, 1; Black-crowned Night Heron, 6; Mallard, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Rough-legged Hawk, 3; Sparrow Hawk, 12; Killdeer, 7; Wilson's Snipe, 9; Mourning Dove, 94; Belted Kingfisher, 2; Yellow-shafted Flicker, 10; Red-bellied Woodpecker, 14; Hairy Woodpecker, 6; Downy Woodpecker, 30; Horned Lark, 5; Blue Jay, 4; Am. Crow, 2000; Carolina Chickadee, 94; Tufted Titmouse, 29; Brown Creeper, 7; Carolina Wren, 16; Mockingbird, 3; Am. Robin, 4; Eastern Bluebird, 7; Common Starling, 1500; Myrtle Warbler, 2; House Sparrow, 621; Eastern Meadowlark, 49; Cardinal, 72; Am. Goldfinch, 38; Eastern Towhee, 3; Slate-colored Junco, 52; Am. Tree Sparrow, 168; White-crowned Sparrow, 3; Swamp Sparrow, 12; Song Sparrow, 91. **Total,** 39 species; about 4985 individuals.—Frank Harbaum.

231. Hoover Reservoir Area, Ohio (valleys of Big Walnut with its new Hoover Reservoir and Alum Creek from Galena south for 15 miles; reservoir filled April 1956; water and shore 50%, farmland 30%, thickets 10%, oak or swamp forest 10%).—Dec. 24; 7 a.m. to 5 p.m. Intermittent snow, rain or sleet;

temp. 48° to 36°; wind WNW to W, 10-25 m.p.h.; waters unfrozen after last thaw. Six observers in 3 parties. Total party-hours, 25 (15 on foot, 10 by car); total party-miles, 136 (16 on foot, 120 by car). Common Loon, **6**; Horned Grebe, **14**; Pied-billed Grebe, **46**; Great Blue Heron, 1; Canada Goose, 71 (2 races); Blue Goose, 12; Mallard, **10,800**; Black Duck, 1420; Gadwall, **10**; Am. Widgeon, 2; Pintail, **8**; Green-winged Teal, 3; Lesser Scaup, 13; Am. Golden-eye, 17; Buffle-head, 16; Hooded Merganser, **55**; Am. Merganser, 23; Cooper's Hawk, 4; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 22; Bob-white, 8; Ring-necked Pheasant, 2; Am. Coot, 3; Killdeer, **24**; **Lesser Yellow-legs,** 1; Herring Gull, 42; Ring-billed Gull, 26; Mourning Dove, 141; Screech Owl, 2; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 19; Horned Lark, 23; Blue Jay, 76; Am. Crow, 7; Carolina Chickadee, 28; Tufted Titmouse, 41; White-breasted Nuthatch, 11; Brown Creeper, 8; Winter Wren, 1; Carolina Wren, 19; Mockingbird, 2; Am. Robin, 3; Eastern Bluebird, 5; Golden-crowned Kinglet, 3; Common Starling, 1097; Myrtle Warbler, 4; House Sparrow, 1722; Eastern Meadowlark, 9; Red-winged Blackbird, 30; Brown-headed Cowbird, 1; Cardinal, 136; **Pine Siskin, 9**; Am. Goldfinch, 28; Eastern Towhee, 1; Slate-colored Junco, 79; Am. Tree Sparrow, 188; Field Sparrow, 2; White-crowned Sparrow, 12; Song Sparrow, 38. **Total,** 67 species (1 additional subspecies); about 16,434 individuals. (Seen recently in area: Old-squaw, **White-winged Scoter, Evening Grosbeak,** Purple Finch.)—David F. Baker, A. H. Claugus, Clement A. Hastie, Lawrence E. Hicks, Ernest Limes, Nelson P. Thomson (compiler).

232. **Indian Lake, Ohio** (entire shoreline of lake and most of country within 7 miles of its center as in previous years).—Dec. 22; 7 a.m. to 6 p.m. Cloudy, occasional sunshine p.m.; temp. 46° to 50°; wind SW to WNW, 10-16-0 m.p.h.; waters unfrozen but following a period of extensive ice fishing. Seven observers in 3 parties. Total party-hours, 31 (21 on foot, 10 by car); total party-miles, 103 (18 on foot, 85 by car). Common Loon, **10**; **Red-throated Loon,** 1; Horned Grebe, 2; Pied-billed Grebe, 1; Great Blue Heron, **8**; Canada Goose, 6; **Snow Goose,** 1; Blue Goose, 12; Mallard, **15,859**; Black Duck, 3957; Gadwall, 6; **Wood Duck, 4**; Redhead, 8; Canvas-back, 6; Lesser Scaup, 25; Am. Golden-eye, 4; Buffle-head, 24; Ruddy Duck, 1; Hooded Merganser, **23**; Am. Merganser, 1; Cooper's Hawk, 2; Red-tailed Hawk, 10; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 4; Bob-white, 1; Ring-necked Pheasant, 2; Am. Coot, 1; Killdeer, 1; **Wilson's Snipe,** 1; Herring Gull, 320; Ring-billed Gull, 1; Mourning Dove, 437; Barn Owl, 1; Screech Owl, 2; Barred Owl, 1; Belted Kingfisher, **14**; Yellow-shafted Flicker, 21; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 1; Hairy Woodpecker, 17; Downy Woodpecker, 38; Horned Lark, 58; Blue Jay, 59; Am. Crow, 4; Carolina Chickadee, 51; Tufted Titmouse, 53; White-breasted Nuthatch, 49; **Red-breasted Nuthatch,** 1; Brown Creeper, 61; Winter Wren, 4; Carolina Wren, 21; Am. Robin, 2; Golden-crowned Kinglet, 37; Common Starling, 618; Myrtle Warbler, **47**; House Sparrow, 810; Eastern Meadowlark, 7; Red-winged Blackbird, 356; Rusty Blackbird, 165; Purple Grackle, 3; Brown-headed Cowbird, 72; Cardinal, 77; Purple Finch, 5; Am. Goldfinch, 23; Slate-colored Junco, 97; Am. Tree Sparrow, 253; **Field Sparrow, 3**; Swamp Sparrow, 20; Song Sparrow, 72; Lapland Longspur, 72. **Total,** 71 species; about 23,943 individuals. Sparrow Hawk has never been seen on this count.—A. H. Claugus (compiler), Bob Coffman, Richard Grentis, Lawrence E. Hicks, Ernest Limes, Richard Oberly, Alan Mitchell.

233. **Lakewood, Ohio** (same area as last year).—Dec. 29; 8 a.m. to 6 p.m. Snow, at times heavy; temp. 25° to 28°; wind NW, 15-25 m.p.h.; 2-5-in. snow, water open. Twenty-two observers in 7 parties. Total party-hours, 27 (24 on foot, 3 by car); total party-miles, 110 (20 on foot, 90 by car). Horned Grebe, 2; Black Duck, 2; Canvas-back, 4; Greater Scaup, 100; Lesser Scaup, 3000; Am. Golden-eye, 105; Buffle-head, 95; **White-winged Scoter,** 1; Ruddy Duck, 300; Hooded Merganser, 1; Am. Merganser, 1; Cooper's Hawk, 1; Sparrow Hawk, 2; Bob-white, 2; Ring-necked Pheasant, 13; Killdeer, 1; Herring Gull, 164; Ring-billed Gull, 1162; Bonaparte's Gull, 1009; Mourning Dove, **56**; Horned Owl, 1; Belted Kingfisher, 3; Red-headed Woodpecker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 27; Blue Jay, 50; Am. Crow, 16; Black-capped Chickadee, 54; Tufted Titmouse, 33; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 1; Brown Creeper, 3; **Winter Wren, 2**; Carolina Wren, 5; Am. Robin, 6; Golden-crowned Kinglet, 4; Common Starling, 197; **Myrtle Warbler,** 1; House Sparrow, 429; **Rusty Blackbird,** 1; Purple Grackle, 2; Cardinal, 93; Purple Finch, 4; Am. Goldfinch, 7; Eastern Towhee, 2; Slate-colored Junco, 230; Am. Tree Sparrow, 144; Field Sparrow, 4; **White-throated Sparrow,** 1; Song Sparrow, 41. **Total,** 50 species; about 7412 individuals. (Seen in area during period: Red-throated Loon, Old-squaw.) —Donald N. Berendsen, Karen Berendsen, Kenneth Ballas, Myron Owen Davies (compiler), Mr. and Mrs. Owen J. Davies, Mr. and Mrs. Donald S. Dean, Edward F. Diederichs, H. C. Dobbins, Florence Gray, John Kason, Mr. and Mrs. William A. Klamm, Henry N. Merkle, Phil Meyer, Mrs. Marian P. Schutler, Carol Stover, Mr. and Mrs. Fred J. Stover, Edward F. Schuster, Daniel F. Waugh.

234. **Lancaster, Ohio** (3-mile radius centering on Broad and Main Sts., approximately same route as previous 31 years; farmland 8%, deciduous woods 37%, stream banks 12%, city suburbs 43%).—Dec. 23; 8 a.m. to 5 p.m. Overcast, rain a.m.; temp. 44° to 52°; wind SW, 3-5 m.p.h.; ground bare, streams and ponds open. Four observers in 2 parties. Total party-hours, 18; total party-miles, 24 (all on foot). Black-crowned Night Heron, 1; Cooper's Hawk, 2; Sparrow Hawk, 1; Bob-white, 60 (4 coveys); Ring-necked Pheasant, 1; Killdeer, 2; Mourning Dove, 109;

Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 16; Pileated Woodpecker, 2; Red-bellied Woodpecker, 9; Hairy Woodpecker, 4; Downy Woodpecker, 40; Blue Jay, 29; Carolina Chickadee, 52; Tufted Titmouse, 80; White-breasted Nuthatch, 14; Brown Creeper, 3; Winter Wren, 1; Carolina Wren, 38; Mockingbird, 1; Eastern Bluebird, 13; Ruby-crowned Kinglet, 1; Common Starling, 340; Myrtle Warbler, 2; House Sparrow, 434; Cardinal, 178; Purple Finch, 1; Am. Goldfinch, 27; Eastern Towhee, 15; Slate-colored Junco, 270; Am. Tree Sparrow, 269; White-throated Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 131. **Total,** 36 species; about 2151 individuals.—Florence Branum, Charles R. Goslin (compiler), Tom Guisinger, Charles H. Shaw.

235. Mansfield, Ohio (15-mile diameter circle centered 1 mile south of Alta, including Clear Fork Reservoir, Lexington, Mansfield; fields and fencerows 40%, lakes and stream edges 35%, forests 25%).—Dec. 24; 7 a.m. to 4:30 p.m. Mixed snow and rain; temp. 32° to 40°; wind NW, 0-10 m.p.h.; ground bare, water open. Three observers in 2 parties. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 32 (7 on foot, 25 by car). Horned Grebe, 1; Mallard, 35; Black Duck, 1; Lesser Scaup, 16; Am. Golden-eye, 5; Buffle-head, 4; Hooded Merganser, 4; Red-breasted Merganser, 2; Cooper's Hawk, 1; Red-tailed Hawk, 1; Bob-white, 9; Killdeer, 5; **Ring-billed Gull, 30**; Belted Kingfisher, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 2; Downy Woodpecker, 12; Horned Lark, 1; Blue Jay, 6; Tufted Titmouse, 9; White-breasted Nuthatch, 9; Carolina Wren, 1; Common Starling, 10; House Sparrow, 6; Red-winged Blackbird, 750; Purple Grackle, 10; Cardinal, 16; Am. Goldfinch, 4; Slate-colored Junco, 40; Am. Tree Sparrow, 200; Swamp Sparrow, 2; Song Sparrow, 26. **Total,** 32 species; about 1223 individuals.—Lloyd S. Barr (compiler), Joseph A. Beatty, Roger Troutman.

236. Mohican State Park, Ohio (including Mohican Forest, Pleasant Hill Lake, Pine Run, Malabar Farm, Black Fork River, Mohican River, Lake Fork; pine–beech–hemlock forest 50%, oak–maple upland forest 13%, elm–soft maple river forest 10%, cattail marsh 1%, fields 12%, lake shores 14%).—Dec. 23; 7:15 a.m. to 5 p.m. Overcast, intermittent rain; temp. 40° to 46°; no wind; no snow, no ice on lakes or streams. Thirteen observers in 4 parties. Total party-hours, 27 (18 on foot, 9 by car); total party-miles, 80 (16 on foot, 64 by car). Horned Grebe, 3; Pied-billed Grebe, 4; Great Blue Heron, 1; Mallard, 170; Black Duck, 50; **Ring-necked Duck, 3**; Am. Golden-eye, 6; **Buffle-head, 4**; Hooded Merganser, 6; **Red-breasted Merganser,** 1; Cooper's Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 2; Bald Eagle, 1; Marsh Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 3; Bob-white, 13; Killdeer, 24; Wilson's Snipe, 1; Ring-billed Gull, 2; Mourning Dove, 39; Screech Owl, 1; Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 9; Yellow-shafted Flicker, 10; Pileated Woodpecker, 6; Red-bellied Woodpecker, 13; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 38; Horned Lark, 26; Blue Jay, 47; Am. Crow, 1; Black-capped and Carolina Chickadee, 51; Tufted Titmouse, 57; White-breasted Nuthatch, 41; Brown Creeper, 2; Winter Wren, 3; Carolina Wren, 15; Am. Robin, 19; Eastern Bluebird, 22; Golden-crowned Kinglet, 44; Ruby-crowned Kinglet, 2; Common Starling, 44; Myrtle Warbler, 2; House Sparrow, 79; Eastern Meadowlark, 28; Red-winged Blackbird, 1; Cardinal, 100; Am. Goldfinch, 86; Slate-colored Junco, 193; Am. Tree Sparrow, 260; Field Sparrow, 7; Swamp Sparrow, 3; Song Sparrow, 59; **Snow Bunting, 1. Total,** 59 species; about 1625 individuals.—Joseph Beatty, James Bruce (compiler), William Goslin, Burton Kahl, Stuart Martin, Robert Sparr, Ted Sparr, Alden Schaffter, Mae Schaffter, Paul Thornburg, Roger Troutman.

237. O'Shaughnessy Reservoir Area, Ohio (valleys of the Scioto River with O'Shaughnessy and Griggs reservoirs, and the Olentangy River from Bellepoint south 15 miles; water and shoreline 40%, farmlands and estates 35%, thickets or swamps 10%, oak–beech–maple or swamp forests 15%).—Dec. 31; 7 a.m. to 6 p.m. Partly cloudy; temp. 36° to 40°; wind SW, 7-18 m.p.h.; waters unfrozen since last thaw. Six observers in 3 parties. Total party-hours, 24 (19 on foot, 5 by car); total party-miles, 108 (16 on foot, 92 by car). **Red-throated Loon, 1**; Horned Grebe, 1; Pied-billed Grebe, 4; Great Blue Heron, 21; **Yellow-crowned Night Heron, 1** (crippled juvenile); Canada Goose, 364 (2 Richardson's); Mallard, 2843; Black Duck, 1427; Gadwall, 1; Am. Widgeon, 3; Pintail, 2; Green-winged Teal, 4; Shoveller, 1; Redhead, 3; Ring-necked Duck, 1; Canvas-back, 5; Lesser Scaup, 6; Am. Golden-eye, 19; Buffle-head, 6; Ruddy Duck, 16; Hooded Merganser, 21; Am. Merganser, 38; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 13; Red-shouldered Hawk, 2; Rough-legged Hawk, 3; Bald Eagle, 1; Marsh Hawk, 9; **Pigeon Hawk, 1**; Sparrow Hawk, 12; European Partridge, 2; Bob-white, 5; Ring-necked Pheasant, 4; Am. Coot, 1; **Killdeer, 5**; Herring Gull, 14; Ring-billed Gull, 2; Mourning Dove, 91; Barn Owl, 1; Screech Owl, 1; Horned Owl, 2; Barred Owl, 1; Long-eared Owl, 1; Short-eared Owl, 6; Belted Kingfisher, 5; Yellow-shafted Flicker, 17; Red-bellied Woodpecker, 7; Red-headed Woodpecker, 43; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 21; Horned Lark, 37; Blue Jay, 114; **Am. Magpie, 1** (possibly an escape); Am. Crow, 27; Carolina Chickadee, 17; Tufted Titmouse, 37; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 2; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 7; Mockingbird, 23; **Catbird, 1**; **Brown Thrasher, 1**; Am. Robin, 2; Eastern Bluebird, 4; Golden-crowned Kinglet, 5; Cedar Waxwing, 18; Loggerhead Shrike, 1; Common Starling, **210,000**; Myrtle Warbler, 7; **Common Yellow-throat, 1**; House Sparrow, 1270; Eastern Meadowlark, 114; Red-winged Blackbird, 217; Rusty Blackbird, **3245**; Purple Grackle, **10,583**; Brown-headed Cowbird, **23,156**; Cardinal, 99; Purple Finch, **186**; Am. Goldfinch, 6; Eastern Towhee, 12; **Vesper**

Sparrow, 1; Slate-colored Junco, 206; Am. Tree Sparrow, 433; Field Sparrow, 1; White-crowned Sparrow, 19; White-throated Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 63. **Total,** 92 species (1 additional subspecies); about 255,011 individuals. (Seen in area count period: Common Loon, Black-crowned Night Heron, Old-squaw, White-winged Scoter, Virginia Rail, Wilson's Snipe, Lapland Longspur, Snow Bunting.)—Clarence Bateman, Harold Burtt, A. H. Claugus, A. L. Elliott, Lawrence E. Hicks, Ernest Limes (compiler).

238. **Oxford, Ohio** (7½-mile radius centering in Oxford, including Hueston Woods and Acton Lake; woodland 25%, stream border 25%, fields 45%, suburbs 5%).—Dec. 29; 8 a.m. to 6 p.m. Occasional light snow; temp. 20° to 24°; wind W, 0-20 m.p.h.; 1-in. fresh snow, streams and ponds mostly open. Thirteen observers in 4 parties. Total party-hours, 20 (17 on foot, 3 by car); total party-miles, 59 (18 on foot, 41 by car). Great Blue Heron, 1; Mallard, 4500; Black Duck, 45; Am. Widgeon, 3; Cooper's Hawk, 1; Red-tailed Hawk, 7; Marsh Hawk, 5; Sparrow Hawk, 2; Bob-white, 68; Mourning Dove, 63; Screech Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 15; Red-bellied Woodpecker, 24; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 34; Horned Lark, 21; Blue Jay, 28; Am. Crow, 20; Black-capped Chickadee, 6; Carolina Chickadee, 126; Tufted Titmouse, 50; White-breasted Nuthatch, 11; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 26; Mockingbird, 3; Am. Robin, 2; Eastern Bluebird, 17; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Common Starling, 225; Myrtle Warbler, 2; House Sparrow, 355; Eastern Meadowlark, 44; Cardinal, 125; Purple Finch, 1; Am. Goldfinch, 22; Eastern Towhee, 13; Slate-colored Junco, 137; Am. Tree Sparrow, 114; Field Sparrow, 15; White-crowned Sparrow, 10; White-throated Sparrow, 6; Song Sparrow, 78. **Total,** 47 species; about 6239 individuals.—A. P. Boesel, C. Boesel, M. W. Boesel, P. M. Daniel, R. Dennison, L. Dutton, Mrs. H. L. Haley, E. Ingersoll, W. E. Lanyon (compiler), M. Miskimen, Mrs. M. T. Potter, J. M. Ramsey, P. Woodruf.

239. **Portsmouth, Ohio** (same area as in previous years).—Dec. 30; 8 a.m. to 5:30 p.m.; temp. 24° to 30°; wind NW, 3 m.p.h.; partial snow cover. Nine observers in 4 parties. Total party-hours, 32 (22 on foot, 10 by car); total party-miles, 40 (24 on foot, 16 by car). Horned Grebe, 1; Mallard, 110; Black Duck, 350; Gadwall, 3; Pintail, 3; Lesser Scaup, 6; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 19; Ruffed Grouse, 4; Bob-white, 12; Killdeer, 28; Mourning Dove, 80; Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 10; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 40; Horned Lark, 42; Blue Jay, 65; Am. Crow, 385; Black-capped Chickadee, 4; Carolina Chickadee, 123; Tufted Titmouse, 77; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 12; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 35; Mockingbird, 1; Am. Robin, 1; Hermit Thrush, 2; Eastern Bluebird, 54; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 2; Common Starling, 1050; Myrtle Warbler, 4; **Louisiana Waterthrush, 1** (studied at close range—J.D.); House Sparrow, 85; Eastern Meadowlark, 81; Red-winged Blackbird, 69; Rusty Blackbird, 2; Purple Grackle, 13; Brown-headed Cowbird, 2; Cardinal, 291; Purple Finch, 3; Am. Goldfinch, 95; Eastern Towhee, 37; Slate-colored Junco, 1100; Am. Tree Sparrow, 37; Chipping Sparrow, 16; Field Sparrow, 65; White-crowned Sparrow, 10; White-throated Sparrow, 13; Fox Sparrow, 1; Swamp Sparrow, 6; Song Sparrow, 41. **Total,** 63 species; about 4562 individuals.—George R. Barry, James S. Donaldson, Mauree Doyle, Paul L. Doyle, Earl C. Hayes, Harry Knighton, Virginia Nickel, Allan E. Nickel, Conrad Roth (compiler).

240. **Salem, Ohio** (same circle as past 3 years; lake shore 2%, marsh 10%, open fields 10%, brushland 25%, upland woods 13%, wooded valley 40%).—Jan. 1; 8 a.m. to 5 p.m. Alternating clear and overcast; temp. 17° to 10°; wind NW, 1-23 m.p.h.; ground with 2-in. snow at start and 3-in. at finish, lakes unfrozen, marshes with thin ice, streams partly frozen. Nine observers in 5 parties. Total party-hours, 36; total party-miles, 48 (all on foot). Mallard, 8; Black Duck, 3; Ruddy Duck, 3; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 2; Bob-white, 48; Ring-necked Pheasant, 14; Mourning Dove, 3; Screech Owl, 4; Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Hairy Woodpecker, 17; Downy Woodpecker, 47; **Eastern Phoebe, 1** (A.H.); Horned Lark, 6; Blue Jay, 47; Am. Crow, 27; Black-capped Chickadee, 46; Carolina Chickadee, 9; Tufted Titmouse, 67; White-breasted Nuthatch, 50; Red-breasted Nuthatch, 3; Brown Creeper, 8; Winter Wren, 9; Carolina Wren, 17; Am. Robin, 1; Golden-crowned Kinglet, 22; Common Starling, 31; House Sparrow, 105; Red-winged Blackbird, 3; Rusty Blackbird, 10; Purple Grackle, 2; Cardinal, 128; Am. Goldfinch, 31; Eastern Towhee, 1; Slate-colored Junco, 173; Am. Tree Sparrow, 210; Field Sparrow, 8; Swamp Sparrow, 4; Song Sparrow, 70. **Total,** 46 species; about 1256 individuals. (Seen count period: Eastern Bluebird, Eastern Meadowlark, Brown-headed Cowbird.)—Margaret Baker, William C. Baker (compiler), Wanda Cullar, Casper Gabler, Albert T. Hartley, Donald Hartley, Inez Heisler, Katherine Hole, G. William Richter (Salem Bird Study Club).

241. **Steubenville, Ohio** (same 4 areas within 15-mile diameter circle; deciduous woods 22%, farmland 20%, pine woods 3%, brushy fields 18%, swampy woods 7%, bottomland 17%, urban 3%, open fields 10%).—Dec. 30; 8 a.m. to 5:30 p.m. Sunny to few clouds; temp. 10° to 24°; wind W, 0-15 m.p.h. 4-in. light snow. Twelve observers in 5 parties. Total party-hours, 33; total party-miles, 35 (all on foot). Pied-billed Grebe, 1; Great Blue Heron, 1; Black

Duck, 6; Cooper's Hawk, 2; Red-tailed Hawk, 5; Sparrow Hawk, 3; **Osprey, 1** (carefully identified); Ruffed Grouse, 6; Bob-white, 39; **Killdeer, 1**; Mourning Dove, 7; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Pileated Woodpecker, 4; Red-bellied Woodpecker, 12; Hairy Woodpecker, 5; Downy Woodpecker, 38; Horned Lark, 79; Am. Crow, 7; Carolina Chickadee, 79; Tufted Titmouse, 60; White-breasted Nuthatch, 13; Carolina Wren, 27; **Mockingbird, 1**; Am. Robin, 7; Eastern Bluebird, 14; Cedar Waxwing, 5; Gray Shrike, 1; Common Starling, 382; House Sparrow, 181; Eastern Meadowlark, 2; Cardinal, 180; Am. Goldfinch, 3; Slate-colored Junco, 307; Am. Tree Sparrow, 266; Field Sparrow, 3; Song Sparrow, 78. **Total,** 37 species; about 1832 individuals.—Clinton S. Banks (compiler), Eleanor Dailey, R. L. Dailey, Dale L. DeMoss, Laila Huhtala, Arthur Johnson, Ronald McKee, Alberta Miller, Don Miller, Don Rarey, Albert Tenney, Floyd Wells (The Forest Audubon Club).

242. Tiffin, Ohio (5 miles north and 10 miles south including Sandusky River, Gibson Run, Morrison Creek; bottomland deciduous forest 75%, upland deciduous forest 15%, open fields 5%, shrubby fields 3%, upland evergreen forest 2%).—Dec. 30; 8 a.m. to 5 p.m. Partly cloudy; temp. 16° to 32°; wind calm to SW, 10-15 m.p.h.; ground partly covered with snow, streams partly covered with thin ice. Ten observers in 9 parties. Total party-hours, 28 (23 on foot, 5 by car); total party-miles, 74 (12 on foot, 62 by car). Mallard, 4; Sharp-shinned Hawk, 2; Red-tailed Hawk, 2; Marsh Hawk, 3; Sparrow Hawk, 1; Ring-necked Pheasant, 1; Mourning Dove, 109; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 10; Hairy Woodpecker, 5; Downy Woodpecker, 52; Horned Lark, 25; Blue Jay, 22; Black-capped Chickadee, 19; Tufted Titmouse, 61; White-breasted Nuthatch, 31; Brown Creeper, 13; Carolina Wren, 3; Am. Robin, 2; Golden-crowned Kinglet, 2; Common Starling, 39; Myrtle Warbler, 1; House Sparrow, 346; Red-winged Blackbird, 2; Cardinal, 65; Purple Finch, 4; Slate-colored Junco, 95; Am. Tree Sparrow, 96; Song Sparrow, 37; **Smith's Longspur, 1. Total,** 31 species; about 1000 individuals. [Two Yellow Warblers reported without details and not even underlined as unusual deleted from list—Ed.]—Clare Conrad, Ralph Fouts, Howard Hintz, Roy Irwin, Mrs. W. C. Knoblaugh (compiler), A. G. McQuate, Lawrence Tiell, Marguerite Utz, Tom West, Mrs. James Wolff.

243. Toledo, Ohio (5 miles of Swan Creek valley, 5 miles of Ottawa River valley, forest patches northeast of city, edge of Cedar Point Marsh, Erie Marsh in Michigan; open water 10%, cultivated fields 10%, cattail marsh 10%. open deciduous forest 70%).—Dec. 23; 7:30 a.m. to 5:15 p.m. Cloudy with fog, intermittent light rain 10:30 a.m. to dusk; temp. 38° to 43°; wind E, 15 m.p.h.; no snow or ice. Thirty-three observers in 6 parties. Total party-hours, 42 (39 on foot, 3 by car); total party-miles, 81 (42 on foot, 39 by car). Great Blue Heron, 2; Black-crowned Night Heron, 1; Canada Goose, 96; Mallard, 4086; Black Duck, 817; Am. Widgeon, 1; Pintail, 5; Canvas-back, 150; Lesser Scaup, 40; Am. Golden-eye, 92; Old-squaw, 1; Ruddy Duck, 600; Hooded Merganser, 6; Am. Merganser, 29; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Marsh Hawk, 4; Sparrow Hawk, 8; Bob-white, 9; Ring-necked Pheasant, 49; **Red Phalarope, 1** (carefully identified from 25 ft.); Great Black-backed Gull, 12; Herring Gull, 371; Ring-billed Gull, 750; Bonaparte's Gull, 1100; Mourning Dove, 346; Barn Owl, 1; Screech Owl, 3; Horned Owl, 2; Yellow-shafted Flicker, 15; Hairy Woodpecker, 6; Downy Woodpecker, 93; Horned Lark, 13; Blue Jay, 61; Am. Crow, 21,411; Black-capped Chickadee, 8; Tufted Titmouse, 76; White-breasted Nuthatch, 48; Brown Creeper. 16; Winter Wren, 3; Carolina Wren, 7; Long-billed Marsh Wren, 2; Mockingbird, 1; **Catbird, 1**; Am. Robin, 10; Hermit Thrush, 2; Golden-crowned Kinglet, 8; Gray Shrike, 2; Common Starling, 1031; Myrtle Warbler, 1; House Sparrow, 1305; Eastern Meadowlark, 1; Red-winged Blackbird, 86; Rusty Blackbird, 9; Brown-headed Cowbird, 5; Cardinal, 176; Purple Finch, 3; Common Redpoll, 18; Am. Goldfinch, 42; Eastern Towhee, 3; Slate-colored Junco, 470; Am. Tree Sparrow, 412; White-throated Sparrow, 1; Fox Sparrow, 2; Swamp Sparrow, 8; Song Sparrow, 75. **Total,** 66 species; about 34,018 individuals. (Seen count period: Rough-legged Hawk, Field Sparrow.) —Miriam Bell, William Belt, Jack Brace, Grace and Otis Bridges, Russel Burget, Louis Campbell (compiler), Tom Campbell, Robert Crofts, Lee Garling, Cy Greenhill, Jr., Robert Hayman, Lawrence Hiett, Charles and Seymour Holloway, Joseph Keller, Richard Kellermeyer, Lou Klewer, Henrietta Marimon, Harold and John Mayfield, John McCormick, James Nessle, Gene Walston, Mrs. Neil Waterbury, Lawrence Shafer, Richard Sheets, W. Stewart, John Stophlet, Joseph Sweeney, Paul Toppin, Robert Turner, Laurel Van Camp (Toledo Naturalists' Association).

244. Utica, Ohio (same locality as previous 7 years, circle including South Lane Farm of 345 acres 2 miles west of Utica and Girl Scout Camp in Fallsbury Township east; beech–maple climax forest 30%, open farmland 15%, rolling upland with oak–hickory climax and mixed deciduous trees 20%, brushy thickets 5%, lowland and brushy stream edges 30).—Dec. 23; 5:45 a.m. to 5 p.m. Overcast, some misting rain; temp. 40° to 54°; wind SE to SW, 0-8 m.p.h.; ground bare and soft, water open. Eleven observers in 5 parties. Total party-hours, 36 (33 on foot, 3 by car); total party-miles, 82 (32 on foot, 50 by car). **Pied-billed Grebe, 1**; Great Blue Heron, 3; **Am. Bittern, 1**; Mallard, 3; **Black Duck, 1**; **Pintail, 1**; **Buffle-head, 2**; **Am. Merganser, 3**; Turkey Vulture, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 8; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 9; Ruffed Grouse, 3; Bob-white, 83; Ring-necked Pheasant, 4; Killdeer, 1; Wilson's Snipe, 1; Mourning Dove, 91; Barn Owl, 2; Screech Owl, 5; Horned Owl, 4; Barred Owl, 5; Long-eared Owl, 2; Short-eared Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 20; Pileated Woodpecker, 8; Red-bellied

Woodpecker, 65; Red-headed Woodpecker, 13; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 17; Downy Woodpecker, 101; **Eastern Phoebe, 1**; Horned Lark, 249; Blue Jay, 91; Am. Crow, 35; Carolina Chickadee, 78; Tufted Titmouse, 99; White-breasted Nuthatch, 120; Red-breasted Nuthatch, 3; Brown Creeper, 9; Winter Wren, 4; Carolina Wren, 50; Mockingbird, 1; Am. Robin, 16; Hermit Thrush, 1; Eastern Bluebird, 38; Golden-crowned Kinglet, 28; Cedar Waxwing, 4; Common Starling, 2541; Myrtle Warbler, 2; House Sparrow, 1890; Eastern Meadowlark, 31; Red-winged Blackbird, 700; Rusty Blackbird, 7; Purple Grackle, 150; Brown-headed Cowbird, 9; Cardinal, 170; Purple Finch, 7; Am. Goldfinch, 70; Eastern Towhee, 36; Vesper Sparrow, 2; Slate-colored Junco, 128; Am. Tree Sparrow, 433; Field Sparrow, 5; White-crowned Sparrow, 15; White-throated Sparrow, 3; Fox Sparrow, 3; Swamp Sparrow, 23; Song Sparrow, 174; Lapland Longspur, 4; Snow Bunting, 2. **Total,** 76 species (1 additional subspecies); about 7713 individuals. (Seen in area count period: **Oregon Junco.**) [Exceptionally neat, well prepared report with excellent details for all unusual observations—Ed.]—Joseph A. Beatty, Joseph Berg, Mrs. Joseph Berg, Ralph Billett, Mrs. Ralph Billett, Floyd B. Chapman, William Goslin, Marie Greider, Roger Troutman, C. R. Wagner, Mrs. C. R. Wagner (compiler).

245. Van Wert, Ohio (same area as previously; open farmland 50%, deciduous swamp forest 40%, urban and suburban 8%, farm yards 2%).—Dec. 30; 7:45 a.m. to 5 p.m. Partly cloudy; temp. 14° to 30°; wind SSW to SW, 5-7 m.p.h.; creeks and reservoir partly frozen, 4-in. snow. Ten observers in 4 parties. Total party-hours, 27 (21 on foot, 6 by car); total party-miles, 73 (17 on foot, 56 by car). **Horned Grebe, 1** (E.F.); Marsh Hawk, 6; Sparrow Hawk, 3; Ring-necked Pheasant, 21; Mourning Dove, 131; Horned Owl, 2; Yellow-shafted Flicker, 10; Red-headed Woodpecker, 2; Hairy Woodpecker, 10; Downy Woodpecker, 39; Horned Lark, 55; Blue Jay, 35; Black-capped Chickadee, 6; Tufted Titmouse, 24; White-breasted Nuthatch, 37; Brown Creeper, 3; Common Starling, 587; House Sparrow, 567; Cardinal, 27; Eastern Towhee, 2; Slate-colored Junco, 52; Am. Tree Sparrow, 164; Song Sparrow, 71. **Total,** 23 species; about 1855 individuals. (Seen in area count period: Red-breasted Nuthatch, Am. Robin, Golden-crowned Kinglet.)—Arthur S. Brooks, Homer De Camp, E. C. Feigert, Bill Feigert, Mrs. C. G. Giffin, James Richardson, Donald Shaw, Jr., Denton Stetler, Mrs. Oscar Wyatt, J. Fred Williams (compiler) (Upper Maumee Valley Naturalists Club).

246. Warren, Ohio (7½-mile radius same as last 7 years; marsh 10%, water 10%, pasture 10%, plowed land 10%, suburbs 30%, woodlots 30%).—Dec. 31; 7:30 a.m. to 5:30 p.m. Sleet to snow to clear; temp. 15° to 32°; wind W to E, 8-12 m.p.h.; ground snow-covered. Forty-seven observers in 10 parties. Total party-hours, 105 (93 on foot, 12 by car); total party-miles, 160 (49 on foot, 111 by car). Horned Grebe, 1; Mallard, 2; Black Duck, 6; Red-breasted Merganser, 20; Cooper's Hawk, 1; Marsh Hawk, 6; Sparrow Hawk, 4; Ruffed Grouse, 2; Bobwhite, 98; Ring-necked Pheasant, 24; Killdeer, 1; Wilson's Snipe, 1; Ring-billed Gull, 3; Mourning Dove, 65; Barn Owl, 1; Screech Owl, 3; **Snowy Owl, 1**; Short-eared Owl, 2; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 36; Horned Lark, 20; Blue Jay, 190; Am. Crow, 70; Black-capped Chickadee, 51; Tufted Titmouse, 74; White-breasted Nuthatch, 59; Red-breasted Nuthatch, 1; Brown Creeper, 10; Winter Wren, 2; Am. Robin, 10; Golden-crowned Kinglet, 3; Common Starling, 657; House Sparrow, 988; Eastern Meadowlark, **38**; Rusty Blackbird, 15; Purple Grackle, 1; Cardinal, 172; Am. Goldfinch, 6; Eastern Towhee, 1; Slate-colored Junco, 209; Am. Tree Sparrow, 274; Song Sparrow, 14; Snow Bunting, 26. **Total,** 46 species; about 3179 individuals.—Trumbull Bird and Nature Club, Georgene Smith (compiler).

247. Wooster, Ohio (Secrest Arboretum, Killbuck Valley from Funk's Hollow south to Tea Run, Brown's Lake bog, Odell's Lake, Lake Fork and Muddy Fork branches of Mohican River north to Reedsburg, Clear Creek and Savage Run areas; conifer plantations 1%, hemlock–beech forest 5%, upland oak woods 16%, cattail marsh 12%, fields 15%, elm–soft maple–sycamore 51%).—Dec. 22; 6:30 a.m. to 6:30 p.m. Mostly cloudy; temp. 42° to 53°; wind SW, 15-0 m.p.h.; no snow, no ice on streams or ponds. Fourteen observers in 8 parties. Total party-hours, 50 (42 on foot, 8 by car); total party-miles, 262 (50 on foot, 212 by car). Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 24; Black Duck, 29; **Am. Widgeon, 12**; **Pintail, 2**; Green-winged Teal, 3; Wood Duck, 2; **Redhead, 3**; Lesser Scaup, 2; **Am. Golden-eye, 1**; **Ruddy Duck, 2**; Red-tailed Hawk, **21**; Red-shouldered Hawk, 4; Marsh Hawk, 8; Sparrow Hawk, 4; Bob-white, 24; Ring-necked Pheasant, 11; Am. Coot, 2; Killdeer, 1; **Am. Woodcock, 1**; Wilson's Snipe, 2; Mourning Dove, **252**; Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, **10**; Yellow-shafted Flicker, 34; Pileated Woodpecker, 7; Red-bellied Woodpecker, 32; Red-headed Woodpecker, 3; Hairy Woodpecker, 13; Downy Woodpecker, 81; Horned Lark, 92; Blue Jay, 122; Am. Crow, 3; Black-capped and Carolina Chickadee, 109; Tufted Titmouse, 108; White-breasted Nuthatch, 78; Red-breasted Nuthatch, 1; Brown Creeper, 7; Winter Wren, 3; Carolina Wren, 32; Long-billed Marsh Wren, 2; Am. Robin, 16; Eastern Bluebird, 33; Golden-crowned Kinglet, 39; Cedar Waxwing, 1; Common Starling, 1750; Myrtle Warbler, 3; House Sparrow, 830; Eastern Meadowlark, 13; Red-winged Blackbird, 44; Rusty Blackbird, 3; Brown-headed Cowbird, 10; blackbirds (sp.), 200; Cardinal, **248**; Am. Goldfinch, 83; Eastern Towhee, 1; Slate-colored Junco, **548**; Am. Tree Sparrow, 696; Field Sparrow, 9; White-crowned Sparrow, 2; White-throated Sparrow, **15**; Swamp Sparrow, 9; Song Sparrow, 200. **Total,** 64 species; about 5906 individuals. (In area census week: Screech Owl, **Palm Warbler.**)—Joseph Beatty, James Bruce (compiler), Charles Compton,

Leila Compton, Ruth Dugan, Irene Eschliman, William Goslin, Scott Harry, Alden Schaffter, Mae Schaffter, Robert Sparr, Irene Sparr, Ted Sparr, Roger Troutman.

248. Youngstown, Ohio (same general area covered for last 55 years, 7½-mile radius of the western edge of Youngstown; urban 15%, woods 30%, lakes 15%, pasture 40%).—Dec. 23; 6:30 a.m. to 5 p.m. Clear until 2 p.m., then rain; temp. 20° to 40°; wind E to SE, 0-10 m.p.h.; lakes unfrozen. Nineteen observers in 7 parties. Total party-hours, 65 (45 on foot, 20 by car, ? in plane); total party-miles, 430 (100 on foot, 210 by car, 120 in plane). Common Loon, 2; Horned Grebe, 8; Pied-billed Grebe, 13; Great Blue Heron, 1; Canada Goose, 60; Mallard, 420; Black Duck, 900; Am. Widgeon, 1; Pintail, 1; Green-winged Teal, 12; Redhead, 6; Ring-necked Duck, 2; Am. Golden-eye, 40; Old-squaw, 2; Ruddy Duck, 6; Hooded Merganser, 3; Am. Merganser, 2; Red-breasted Merganser, 29; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 5; Marsh Hawk, 3; Sparrow Hawk, 2; Bob-white, 46; Ring-necked Pheasant, 12; Am. Coot, 3; Killdeer, 3; Herring Gull, 103; Ring-billed Gull, 2; Mourning Dove, 31; Barn Owl, 1; Screech Owl, 2; Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 5; Pileated Woodpecker, 5; Red-bellied Woodpecker, 5; Hairy Woodpecker, 11; Downy Woodpecker, 67; Horned Lark, 72 (2 races); Blue Jay, 152; Am. Crow, 10,714; Black-capped Chickadee, 192; Tufted Titmouse, 53; White-breasted Nuthatch, 57; Red-breasted Nuthatch, 4; Brown Creeper, 3; Winter Wren, 2; Carolina Wren, 8; Am. Robin, 17; Eastern Bluebird, 9; Golden-crowned Kinglet, 18; Common Starling, 3440; House Sparrow, 908; Eastern Meadowlark, 7; Red-winged Blackbird, 20; Rusty Blackbird, 54; Brown-headed Cowbird, 2; Cardinal, 171; Purple Finch, 2; Am. Goldfinch, 15; Eastern Towhee, 1; Slate-colored Junco, 418; Am. Tree Sparrow, 388; Field Sparrow, 3; Song Sparrow, 29. **Total,** 67 species (1 additional subspecies); about 18,586 individuals. Members and guests of Grant M. Cook Bird Club, Vincent McLaughlin (compiler).

249. Athens, W. Va. (same area since 1945).—Jan. 1; 7 a.m. to 5:30 p.m.; temp. 22° to 36°; wind NE, 5-10 m.p.h.; ground bare, thin ice on smaller ponds, reservoir open. Two observers in 1 party. Total party-hours, 10 (8 on foot, 2 by car); total party-miles, 88 (20 on foot, 68 by car). Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 1; Mallard, 2; Black Duck, 23; Ring-necked Duck, 3; Am. Golden-eye, 33; Buffle-head, 6; Hooded Merganser, 18; Sparrow Hawk, 1; Am. Coot, 1; Pileated Woodpecker, 1; Downy Woodpecker, 8; Horned Lark, 1; Blue Jay, 5; Am. Crow, 148; Carolina Chickadee, 11; Tufted Titmouse, 25; White-breasted Nuthatch, 3; Winter Wren, 1; Carolina Wren, 3; Mockingbird, 8; Am. Robin, 8; Eastern Bluebird, 1; Common Starling, 265; House Sparrow, 96; Eastern Meadowlark, 24; Cardinal, 44; Am. Goldfinch, 6; Eastern Towhee, 3; Slate-colored Junco, 245; Am. Tree Sparrow, 16; Field Sparrow, 24; White-throated Sparrow, 31; Song Sparrow, 15. **Total,** 35 species; about 1082 individuals. (Seen in area count period: Belted Kingfisher, Bewick's Wren, Purple Grackle.) —Paul C. Bibbee (compiler), Clarence M. Young.

250. Charleston, W. Va. (Kanawha River Valley and adjacent hills from Kanawha City to Institute, Kanawha Airport, Coonskin Park, Kanawha State Park, South Hills, South Charleston; open farmland and grassland 10%, urban 45%, deciduous woodland 45%).—Dec. 29; 6:30 a.m. to 5:30 p.m. Overcast, several heavy snow showers; temp. 30° to 30°; wind W, 15-25 m.p.h.; 1-2-in. snow. Five observers in 4 parties. Total party-hours, 32 (25 on foot, 7 by car); total party-miles, 90 (30 on foot, 60 by car). Great Blue Heron, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 3; Killdeer, 52; Wilson's Snipe, 4; Herring Gull, 3; Mourning Dove, 1; Screech Owl, 2; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Pileated Woodpecker, 2; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 8; Hairy Woodpecker, 4; Downy Woodpecker, 23; Horned Lark, 1; Blue Jay, 32; Am. Crow, 158; Carolina Chickadee, 159; Tufted Titmouse, 46; White-breasted Nuthatch, 18; Winter Wren, 9; Carolina Wren, 37; Mockingbird, 4; **Brown Thrasher,** 1; Am. Robin, 6; Hermit Thrush, 1; Eastern Bluebird, 9; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 2; Water Pipit, 2; Common Starling, 632; Myrtle Warbler, 3; **Palm Warbler,** 2; House Sparrow, 363; Eastern Meadowlark, 73; Purple Grackle, 2; Cardinal, 333; Am. Goldfinch, 216; Eastern Towhee, 126; Slate-colored Junco, 355; Am. Tree Sparrow, 20; Field Sparrow, 16; White-throated Sparrow, 115; Fox Sparrow, 3; Swamp Sparrow, 3; Song Sparrow, 250. **Total,** 50 species; about 3115 individuals. (Seen during period: Mallard, Yellow-bellied Sapsucker, **Eastern Phoebe.**)—John Handlan, Polly Handlan, C. O. Handley, Sr. (compiler), George F. Hurley, Frank M. Johnson (Handlan Chapter, Brooks Bird Club).

251. Charles Town, W. Va. (same area as past 5 years; Federal Fish Hatchery, along R. R. from Charles Town to Aldridge, Flowing Springs meadow, along Shenandoah river from Bloomery to Millville; small ponds 10%, small stream banks 15%, weedy fields 10%, mature oak forests 15%, cattail marsh 25%, farm fields and fencerows 20%, river bank 5%). —Dec. 28; 6:45 a.m. to 5:30 p.m. Cloudy, some drizzle; temp. 30° to 45°; wind NW, 0-10 m.p.h. Two observers in 1 party. Total party-hours, 10 (8 on foot, 2 by car); total party-miles, 61 (14 on foot, 47 by car). Common Loon, 1; Pied-billed Grebe, 4; Great Blue Heron, 1; Mallard, 53; Am. Widgeon, 1; Pintail, 2; Buffle-head, 2; Turkey Vulture, 18; Black Vulture, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 8; Bob-white, 41 (5 coveys); Virginia Rail, 2; Am. Coot, 1; Killdeer, 7; Wilson's Snipe, 14; Mourning Dove, 3; Belted Kingfisher, 8; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 4; Hairy Woodpecker, 4; Downy Woodpecker, 17; Eastern Phoebe, 5; Blue Jay, 6; Am. Crow, 2500; Black-capped Chickadee, 2;

Carolina Chickadee, 26; Tufted Titmouse, 25; White-breasted Nuthatch, 5; Carolina Wren, 8; Mockingbird, 19; Am. Robin, 4; Eastern Bluebird, 5; Ruby-crowned Kinglet, 3; Common Starling, 650; House Sparrow, 108; Eastern Meadowlark, 7; Red-winged Blackbird, 12; Rusty Blackbird, 150; Purple Grackle, 12; Brown-headed Cowbird, 30; Cardinal, 28; Am. Goldfinch, 41; Slate-colored Junco, 23; Am. Tree Sparrow, 116; Field Sparrow, 3; White-crowned Sparrow, 47; White-throated Sparrow, 7; Song Sparrow, 74. **Total,** 51 species; about 4117 individuals. (Seen in area count period: Yellow-bellied Sapsucker, Horned Lark, Brown Creeper.)—Mrs. Hugh Caperton, Clark Miller (compiler).

252. **Huntington, W. Va.** (same area as 1940 and subsequent counts).—Jan. 1; 6 a.m. to 5 p.m. Partly cloudy; temp. 18° to 36°; ground bare. Eight observers in ? parties. Total party-hours, 50 (42 on foot, 8 by car); total party-miles, 132 (42 on foot, 90 by car). Great Blue Heron, 3; Mallard, 3; Black Duck, 3; Gadwall, 1; Lesser Scaup, 5; Am. Merganser, 4; Turkey Vulture, 1; Cooper's Hawk, 3; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 35; Bob-white, 44; Ring-necked Pheasant, 1; Killdeer, 39; Am. Woodcock, 2; Herring Gull, 6; Ring-billed Gull, 2; Mourning Dove, 26; Barred Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 16; Pileated Woodpecker, 4; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 10; Downy Woodpecker, 70; Horned Lark, 60; Blue Jay, 104; Am. Crow, 500; Carolina Chickadee, 378; Tufted Titmouse, 350; White-breasted Nuthatch, 35; Red-breasted Nuthatch, 1; Brown Creeper, 1; Winter Wren, 6; Bewick's Wren, 2; Carolina Wren, 108; Mockingbird, 41; Catbird, 1; Brown Thrasher, 2; Am. Robin, 29; Eastern Bluebird, 74; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 6; Cedar Waxwing, 6; Loggerhead Shrike, 1; Common Starling, **100,000**; Myrtle Warbler, 50; Palm Warbler, 1; House Sparrow, 222; Eastern Meadowlark, 35; Red-winged Blackbird, 2000; Rusty Blackbird, 530; Purple Grackle, 5000; Cardinal, 399; Pine Siskin, 1; Am. Goldfinch, 181; Eastern Towhee, 75; Slate-colored Junco, 304; Am. Tree Sparrow, 13; Field Sparrow, 17; White-crowned Sparrow, 9; White-throated Sparrow, 109; Fox Sparrow, 4; Song Sparrow, 220. **Total,** 66 species; about 111,159 individuals.—R. M. Edeburn (compiler), Mrs. H. C. Hale, Tommy Igo, H. W. Lawless, Kelly Morris, Mrs. W. H. Odell, Mrs. Grady Risen, Rachael Wilson.

253. **Inwood, W. Va.** (same area as past 6 years; Southern Berkeley County from Big Spring to Va. line and from Opequon Creek to top of North Mt., no point more than 7½ miles from Inwood; apple and cherry orchards 20%, mature oak forests 10%, pasture fields 15%, open farm fields 20%, scrub growth pine, locust and sumac 30%, small streams and marshes 5%).—Dec. 30; 7:15 a.m. to 5:30 p.m.; temp. 16° to 28°; wind NW, 10-35 m.p.h. Two observers in 1 party. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 67 (10 on foot, 57 by car). Turkey Vulture, 11; Black Vulture, 1; Sparrow Hawk, 2; Bob-white, 15 (2 coveys); Killdeer, 39; Wilson's Snipe, 3; Mourning Dove, 4; Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 7; Blue Jay, 2; Am. Crow, 287; Black-capped Chickadee, 3; Carolina Chickadee, 56; Tufted Titmouse, 20; White-breasted Nuthatch, 5; Brown Creeper, 2; Carolina Wren, 1; Mockingbird, 24; Eastern Bluebird, 2; Golden-crowned Kinglet, 6; Common Starling, 1403; House Sparrow, 96; Eastern Meadowlark, 3; Red-winged Blackbird, 10; Rusty Blackbird, 20; Purple Grackle, 4; Cardinal, 45; Am. Goldfinch, 8; Slate-colored Junco, 256; Am. Tree Sparrow, 19; Field Sparrow, 2; White-crowned Sparrow, 152; White-throated Sparrow, 4; Swamp Sparrow, 2; Song Sparrow, 25. **Total,** 38 species; about 2545 individuals. (Seen in area count period, Ruffed Grouse, Screech Owl, Am. Robin, Loggerhead Shrike.)—James S. Gutsell, Clark Miller (compiler).

254. **Bowling Green, Ky.** (same area as previous years).—Dec. 22; 6:15 a.m. to 4:30 p.m. Cloudy; temp. 48° to 52°; wind SW, 1-7 m.p.h.; ground bare. Three observers in 2 parties. Total party-hours, 18 (14 on foot, 4 by car); total party-miles, 60 (12 on foot, 48 by car). Mallard, 12; Black Duck, 22; Pintail, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 2; Bob-white, 10; Killdeer, 2; Mourning Dove, 91; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 30; Pileated Woodpecker, 11; Red-bellied Woodpecker, 22; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 5; Downy Woodpecker, 29; Eastern Phoebe, 3; Horned Lark, 160; Blue Jay, 43; Am. Crow, 192; Carolina Chickadee, 72; Tufted Titmouse, 54; White-breasted Nuthatch, 2; Winter Wren, 4; Bewick's Wren, 3; Carolina Wren, 52; Mockingbird, 32; Am. Robin, 64; Hermit Thrush, 8; Eastern Bluebird, 74; Golden-crowned Kinglet, 2; Cedar Waxwing, 142; Loggerhead Shrike, 2; Common Starling, 317; Myrtle Warbler, 3; House Sparrow, 282; Eastern Meadowlark, 74; Rusty Blackbird, 8; Purple Grackle, 25; Cardinal, 167; Purple Finch, 2; Am. Goldfinch, 207; Eastern Towhee, 35; Slate-colored Junco, 97; Am. Tree Sparrow, 8; Field Sparrow, 24; White-crowned Sparrow, 93; White-throated Sparrow, 236; Fox Sparrow, 11; Swamp Sparrow, 36; Song Sparrow, 33; **Lapland Longspur,** 1 (in Horned Lark flock). **Total,** 55 species; about 2825 individuals. (Seen in area count period: Cooper's Hawk, **Forster's Tern.**)—L. Y. Lancaster, Charles L. Taylor, Gordon Wilson (compiler).

255. **Danville, Ky.** (most roads in and near county; farmland, thickets, streams, ponds).—Dec. 22; 5:45 a.m. to 5 p.m. Bright a.m., cloudy p.m.; temp. 29° to 63°; almost no wind; ponds and streams full and open. Nine observers in 5 parties. Total party-hours, 34 (14 on foot, 20 by car); total party-miles, 243 (13 on foot, 230 by car). Pied-billed Grebe, 2; Great Blue Heron, 1; Canada Goose, 29; Mallard, 260; Black Duck, 18; Gadwall, 3; Am. Widgeon, 16; Green-winged Teal, 5; Canvas-back, 4;

Lesser Scaup, 2; Buffle-head, 1; Ruddy Duck, 4; Hooded Merganser, 3; Turkey Vulture, 9; Cooper's Hawk, 1; Red-tailed Hawk, 4; Sparrow Hawk, 21; **Sora, 1**; Am. Coot, 8; Killdeer, 15; Mourning Dove, 69; Belted Kingfisher, 5; Yellow-shafted Flicker, 6; Pileated Woodpecker, 2; Red-bellied Woodpecker, 5; Hairy Woodpecker, 4; Downy Woodpecker, 28; **Eastern Phoebe, 1**; Horned Lark, 35; Blue Jay, 14; Am. Crow, 290; Carolina Chickadee, 96; Tufted Titmouse, 73; White-breasted Nuthatch, 2; Winter Wren, 2; Bewick's Wren, 4; Carolina Wren, 75; Mockingbird, 48; Brown Thrasher, 3; Am. Robin, 7; Eastern Bluebird, 25; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 3; Common Starling, 3940; Myrtle Warbler, 2; House Sparrow, 310; Eastern Meadowlark, 177; Purple Grackle, **626**; Brown-headed Cowbird, 15; Cardinal, 182; Am. Goldfinch, 9; Eastern Towhee, 13; Slate-colored Junco, 349; **Chipping Sparrow, 6**; Field Sparrow, 26; White-crowned Sparrow, 92; White-throated Sparrow, 83; Song Sparrow, 75. **Total,** 58 species; about 7110 individuals.—John Cheek, Florence Davis, Jackson Davis, Margaret Glore, Scott Glore, Jr., Edna Drill Heck (compiler), Frank Heck, Dorothy Belle Hill, LeRoy Ullrich.

256. Henderson, Ky. (area same as in former years).—Dec. 26; 7 a.m. to 4:30 p.m. Cloudy until noon, then clear; temp. 36° to 43°; wind W to SW, 10-12 m.p.h. Nine observers in 4 parties. Total party-hours, 25 (20 on foot, 5 by car); total party-miles, 51 (14 on foot, 37 by car). Great Blue Heron, 1; Canada Goose, 100; Mallard, 63,000; Black Duck, 5000; Pintail, 16; Green-winged Teal, 5; Wood Duck, 4; Ring-necked Duck, 1; Canvas-back, 4; Lesser Scaup, 3; Ruddy Duck, 2; Turkey Vulture, 2; Cooper's Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Peregrine Falcon, 1; Sparrow Hawk, 6; Bob-white, 15; Killdeer, 14; Mourning Dove, 173; Horned Owl, 3; Barred Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 7; Pileated Woodpecker, 8; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 15; Downy Woodpecker, 18; Blue Jay, 34; Am. Crow, 2500; Carolina Chickadee, 56; Tufted Titmouse, 34; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 2; Bewick's Wren, 1; Carolina Wren, 4; Mockingbird, 28; Catbird, 1; Am. Robin, 1000; Hermit Thrush, 2; Eastern Bluebird, 12; Golden-crowned Kinglet, 1; Loggerhead Shrike, 3; Common Starling, 4000; House Sparrow, 135; Eastern Meadowlark, 131; Purple Grackle, 2200; Brown-headed Cowbird, 27; Cardinal, 51; Am. Goldfinch, 5; Eastern Towhee, 13; **Grasshopper Sparrow, 2**; Vesper Sparrow, 4; Slate-colored Junco, 65; Field Sparrow, 43; White-crowned Sparrow, 49; White-throated Sparrow, 11; Fox Sparrow, 5; Swamp Sparrow, 6; Song Sparrow, 9. **Total,** 62 species; about 78,856 individuals.—Walter H. Alves, King Benson, Amelia Klutey, Jerry McKinney, Mrs. R. E. Parsons, W. P. Rhoads (compiler), B. C. Shelton, Mrs. Nat Stanley, Sr., Frank Sauerheber.

257. Kentucky Woodlands National Wildlife Refuge, Ky. (same vicinity as last year with omission of Sugar Bay, Pisgah Beach, and Kentucky Dam Village areas; open water 15%, marsh 5%, fields 60%, woodlands 20%).—Dec. 27; 6:30 a.m. to 4:30 p.m. Clear; temp. 31° to 60°; wind S to SW, 0-5 m.p.h.; small bodies of still water thawing about 9 a.m. Ten observers in 5 parties. Total party-hours, 24 (19 on foot, 5 by car); total party-miles, 46 (16 on foot, 30 by car). Pied-billed Grebe, 8; Great Blue Heron, 1; Canada Goose, 4000; Mallard, 26,000; Black Duck, 4000; Gadwall, 25; Am. Widgeon, 1000; Green-winged Teal, 6; Buffle-head, 14; Ruddy Duck, 6; Hooded Merganser, 5; Am. Merganser, 10; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Bald Eagle, 13; Marsh Hawk, 1; Sparrow Hawk, 5; Bob-white, 30; Killdeer, 56; Herring Gull, 3; Mourning Dove, 44; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 28; Pileated Woodpecker, 5; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 55; Horned Lark, 1; Blue Jay, 64; Am. Crow, 61; Carolina Chickadee, 91; Tufted Titmouse, 32; White-breasted Nuthatch, 6; Carolina Wren, 11; Mockingbird, 2; Brown Thrasher, 1; Am. Robin, 1; Hermit Thrush, 1; Eastern Bluebird, 36; Cedar Waxwing, 36; Loggerhead Shrike, 1; Common Starling, 50; Myrtle Warbler, 16; House Sparrow, 10; Eastern Meadowlark, 135; Red-winged Blackbird, 1; Purple Grackle, 3; Cardinal, 140; Purple Finch, 1; Am. Goldfinch, 150; Eastern Towhee, 32; Savannah Sparrow, 1; Leconte's Sparrow, 2; Slate-colored Junco, 653; Am. Tree Sparrow, 2; Field Sparrow, 6; White-crowned Sparrow, 2; White-throated Sparrow, 32; Fox Sparrow, 4; Song Sparrow, 5. **Total,** 63 species; about 36,932 individuals. (Seen in area official count period: Common Loon, Snow Goose, Blue Goose, Blue-winged Teal, Shoveller, Wood Duck, Redhead, Ring-necked Duck, Canvas-back, Red-breasted Merganser, **Golden-Eagle,** Wilson's Snipe, Ring-billed Gull, Horned Owl, Brown Creeper, Winter Wren, Golden-crowned Kinglet, Brown-headed Cowbird, Swamp Sparrow.)—Norman Crain, Christine Hancock, Hunter M. Hancock (compiler), Gerhardt Megow, Gerlinda Megow, Loren S. Putnam, William T. Sledd, L. D. Thompson, Rube L. Thursten, Jr., Sedgwick Watson.

258. Kleber Song Bird Sanctuary, Ky. (7-mile radius in Owen County including adjacent farmland; deciduous woods 10%, brushy fields, 40%, farmlands 40%, creek banks 10%).—Dec. 29; 7:30 a.m. to 4 p.m. Cloudy with light snow; temp. 25° to 34°; wind 5-13 m.p.h. Four observers in 3 parties. Total party-hours, 20 (16 on foot, 4 by car); total party-miles, 31 (10 on foot, 21 by car). Red-tailed Hawk, 6; Rough-legged Hawk, 1; Marsh Hawk, 1; Bob-white, 27; Killdeer, 5; Mourning Dove, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 8; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 22; Eastern Phoebe, 2; Blue Jay, 8; Am. Crow, 19; Carolina Chickadee, 44; Tufted Titmouse, 66; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 28; Mockingbird, 5; Am. Robin, 1; Eastern Bluebird, 9; Golden-crowned Kinglet, 4; Common Starling, 10; Myrtle Warbler, 20; House Sparrow, 20; Rusty Blackbird, 2; Brown-

headed Cowbird, 2; Cardinal, 64; Am. Goldfinch, 36; Eastern Towhee, 22; Slate-colored Junco, 508; Am. Tree Sparrow, 21; Field Sparrow, 33; White-crowned Sparrow, 16; White-throated Sparrow, 24; Fox Sparrow, 22; Swamp Sparrow, 3; Song Sparrow, 38. **Total,** 40 species; about 1110 individuals.—Mr. and Mrs. Fred W. Stamm, Joe Croft, Harvey B. Lovell (compiler).

259. **Louisville, Ky,** (same area and coverage as last year).—Dec. 23; 5:30 a.m. to 5 p.m. Cloudy, clearing p.m.; temp. 40° to 56°; wind W to NW, 2-7 m.p.h.; all water open. Twenty-seven observers in 10 parties. Total party-hours, 69 (48 on foot, 21 by car); total party-miles, 108 (20 on foot, 88 by car). Pied-billed Grebe, 1; Double-crested Cormorant, 1; Black-crowned Night Heron, 39; Canada Goose, 95; Mallard, 226; Black Duck, 184; **Gadwall, 2**; Pintail, 6; Green-winged Teal, 2; Wood Duck, **8**; Redhead, 1; Ring-necked Duck, 30; Canvas-back, 45; Lesser Scaup, 126; Am. Golden-eye, 2; Buffle-head, 3; Old-squaw, 2; Ruddy Duck, 4; Hooded Merganser, 1; Turkey Vulture, 4; Black Vulture, 6; Cooper's Hawk, 1; Red-tailed Hawk, 11; Red-shouldered Hawk, 12; Marsh Hawk, 8; Sparrow Hawk, 48; Bob-white, 13; Am. Coot, 2; Killdeer, 8; Herring Gull, 9; Ring-billed Gull, 38; Mourning Dove, 229; Barn Owl, 2; Screech Owl, 3; Horned Owl, 3; Barred Owl, 2; Short-eared Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 25; Pileated Woodpecker, 2; Red-bellied Woodpecker, 34; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 70; Eastern Phoebe, 1; Horned Lark, 35; Blue Jay, 68; Am. Crow, 443; Carolina Chickadee, 136; Tufted Titmouse, 174; White-breasted Nuthatch, 23; Brown Creeper, 6; Winter Wren, 2; Carolina Wren, 60; Mockingbird, 96; Brown Thrasher, **4**; Am. Robin, 14; Eastern Bluebird, 52; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 1; Cedar Waxwing, 3; Loggerhead Shrike, 4; Common Starling, 5600; Myrtle Warbler, 3; Palm Warbler, **5**; House Sparrow, 507; Eastern Meadowlark, 242; **Western Meadowlark, 3** (specimen collected Dec. 25—B.L.M.); Red-winged Blackbird, 277; Rusty Blackbird, **48**; Purple Grackle, **3060**; Brown-headed Cowbird, **433**; blackbird (sp.), 3300; Cardinal, 505; Purple Finch, 3; Am. Goldfinch, 121; Eastern Towhee, 85; Savannah Sparrow, **3**; Vesper Sparrow, 1; Slate-colored Junco, 525; **Oregon Junco,** 2 (T.F., W.S.); Am. Tree Sparrow, 157; Field Sparrow, 19; **Harris's Sparrow, 2** (1 present for 2 weeks —F.K., B.M.); White-crowned Sparrow, **114**; White-throated Sparrow, 107; Fox Sparrow, 10; **Lincoln's Sparrow, 1** (J.C., A.S., H.W.); Swamp Sparrow, 50; Song Sparrow, 218; Lapland Longspur, 2. **Total,** 90 species; about 17,862 individuals. (Seen in area count week: Am. Merganser, Sharp-shinned Hawk, **Harlan's Hawk,** Rough-legged Hawk, Bald Eagle, Peregrine Falcon, Red-headed Woodpecker, Red-breasted Nuthatch, **Brewer's Blackbird.**)—Mr. and Mrs. William M. Able, Mr. and Mrs. Yancey Altsheler, Leonard C. Brecher, Joseph E. Croft, Thomas C. Fuller, Frank X. Krull, Frank Krull, Jr., Dr. and Mrs. Harvey B. Lovell, Burt L. Monroe, Jr., Burt L. Monroe (compiler), Mrs. H. V. Noland, Louis H. Pieper, Marie E. Pieper, Evelyn J. Schneider, Walter H. Shackleton, Mr. and Mrs. Francis P. Shannon, Mabel Slack, Anne L. Stamm, Frederick W. Stamm, Mrs. William B. Tabler, Haven Wiley, Virginia Winstandley, Audrey A. Wright (Beckham Bird Club).

260. **Big Bald Mountain, Tenn.–N. C.** (Unicoi and Yancey Counties; from east fork of Higgins Creek [3400 ft.] to Appalachian Trail [5000 ft.] and summit of Big Bald [5516 ft.], wooded surroundings of latter [5300-4900 ft.]; deciduous woodland 70%, grassy treeless area 30%).—Jan. 1; 7:15 a.m. to 4:15 p.m. Partly cloudy, good visibility, remnants of snow on "bald", 1-8 in. snow in woods; temp. 21° to 33°; wind W to NW, 3-15 m.p.h. One observer. Total hours, 9; total miles, 9 (all on foot). Pileated Woodpecker, 1; Hairy Woodpecker, 2; Carolina Chickadee, 1; Tufted Titmouse, 1; Carolina Wren, 1; Cardinal, 3; Slate-colored Junco, 28; Fox Sparrow, 4; Song Sparrow, 1; **Snow Bunting, 1** (3 years out of last 4 in same locality). **Total,** 10 species; 43 individuals. —Fred W. Behrend.

261. **Chattanooga, Tenn.** (7½-mile radius centering on Warner Park within city; creek edges 15%, ponds and lakes 45%, roadsides 10%, weedy fields 10%, woodland edges 15%, residential 5%).—Dec. 29; 8 a.m. to 4 p.m. Partly cloudy; temp. 25° to 33°; wind 8-21 m.p.h. Five observers in 4 parties. Total party-hours, 15 (10 on foot, 5 by car); total party-miles, 106 (7 on foot, 99 by car). Horned Grebe, 2; Pied-billed Grebe, 5; Mallard, 100; Black Duck, 10; Ring-necked Duck, 15; Canvas-back, 1; Sparrow Hawk, 6; Bob-white, 8; Am. Coot, 1; Killdeer, 25; Herring Gull, 4; Ring-billed Gull, 30; **Bonaparte's Gull, 12** (carefully identified); Mourning Dove, 221; Belted Kingfisher, 3; Yellow-shafted Flicker, 11; Pileated Woodpecker, 4; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 6; Eastern Phoebe, 1; Blue Jay, 24; Am. Crow, 45; Carolina Chickadee, 18; Tufted Titmouse, 42; White-breasted Nuthatch, 11; Winter Wren, 1; Carolina Wren, 12; Mockingbird, 17; Brown Thrasher, 3; Am. Robin, 12; Hermit Thrush, 2; Eastern Bluebird, 14; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 4; Cedar Waxwing, 65; Loggerhead Shrike, 1; Common Starling, 480; Myrtle Warbler, 9; Pine Warbler, 3; House Sparrow, 9; Eastern Meadowlark, 80; Rusty Blackbird, 4; Purple Grackle, 50; Cardinal, 36; Am. Goldfinch, 35; Eastern Towhee, 29; Slate-colored Junco, 80; Field Sparrow, 13; White-throated Sparrow, 83; Swamp Sparrow, 1; Song Sparrow, 9. **Total,** 53 species; about 1669 individuals.—Mr. and Mrs. T. S. Barr, Gladys Conner, Mrs. H. L. Sliger, Mrs. E. M. West (compiler) (Chattanooga Chapter, T.O.S.).

262. **Elizabethton, Tenn.** (same area as past 12 years with center at Valley Forge; lake border 5%, stream borders 60%, woodlands 20%, open fields 15%).—Dec. 30; 7 a.m. to 5:30 p.m. About 1-in. snowfall at start, clearing, snow melting before dusk; temp. 30° to 40°; wind W, 5-35 m.p.h. Seven observers in 5 parties. Total party-hours, 38 (24 on foot,

14 by car); total party-miles, 145 (20 on foot, 125 by car). Pied-billed Grebe, 4; Great Blue Heron, 2; Mallard, 8; Ring-necked Duck, 6; Canvas-back, 1; Buffle-head, 1; Red-breasted Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Sparrow Hawk, 7; Bob-white, 16; Killdeer, 44; Wilson's snipe, 1; Mourning Dove, 129; Screech Owl, 1; Belted Kingfisher, 11; Yellow-shafted Flicker, 11; Pileated Woodpecker, 3; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 21; Eastern Phoebe, 9; Horned Lark, 55; Blue Jay, 36; Am. Crow, 183; Carolina Chickadee, 70; Tufted Titmouse, 43; Brown Creeper, 3; Winter Wren, 2; Carolina Wren, 28; Mockingbird, 36; Am. Robin, 6; Hermit Thrush, 3; Eastern Bluebird, 41; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 2; Cedar Waxwing, 14; Loggerhead Shrike, 8; Common Starling, 495; Myrtle Warbler, 31; Pine Warbler, 3; House Sparrow, 135; Eastern Meadowlark, 16; Cardinal, 134; Am. Goldfinch, 41; Eastern Towhee, 12; Savannah Sparrow, 1; Slate-colored Junco, 100; Field Sparrow, 63; White-crowned Sparrow, 16; White-throated Sparrow, 86; Fox Sparrow, 1; Swamp Sparrow, 7; Song Sparrow, 67. **Total,** 55 species; about 2034 individuals. (Seen in area count week: Common Loon, **Red-throated Loon,** Horned Grebe, Black Duck, Lesser Scaup, Red-tailed Hawk, Herring Gull.)—J. C. Browning, Glenn Eller, Harry Farthing, Lee R. Herndon (compiler), Howard R. Langridge, Roby D. May, Jr., Frank Ward (Elizabethton Chapter, T.O.S.).

263. Great Smoky Mountains National Park, Tenn.–N. C. (same area as 1937 and subsequent years).—Dec. 23; 6 a.m. to 5 p.m. Light rain; temp. 50° to 69°; wind variable, 5-20 m.p.h. Twenty-two observers in 8 parties. Total party-hours, 67 (47 on foot, 20 by car); total party-miles, 276 (37 on foot, 239 by car). Pied-billed Grebe, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Sparrow Hawk, 4; Ruffed Grouse, 2; Bob-white, 17; Am. Coot, 1; Killdeer, 16; Mourning Dove, 43; Horned Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 3; Pileated Woodpecker, 9; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 1; Downy Woodpecker, 9; Eastern Phoebe, 10; Horned Lark, 6; Blue Jay, 20; Common Raven, 2; Am. Crow, 100; Black-capped and Carolina Chickadee, 91; Tufted Titmouse, 54; Brown Creeper, 4; Winter Wren, 9; Carolina Wren, 30; Mockingbird, 3; Am. Robin, 134; Hermit Thrush, 7; Eastern Bluebird, 29; Golden-crowned Kinglet, 46; Ruby-crowned Kinglet, 5; Cedar Waxwing, 51; Loggerhead Shrike, 2; Common Starling, 180; Myrtle Warbler, 6; Pine Warbler, 1; Palm Warbler, 2; House Sparrow, 84; Eastern Meadowlark, 23; Red-winged Blackbird, 6; Cardinal, 72; Am. Goldfinch, 43; Eastern Towhee, 9; Savannah Sparrow, 3; Vesper Sparrow, 2; Slate-colored Junco, 182; Field Sparrow, 139; White-throated Sparrow, 189; Fox Sparrow, 6; Swamp Sparrow, 4; Song Sparrow, 66. **Total,** 53 species; about 1742 individuals.—R. James Becker, Jane Briscoe, Mary Ruth Chiles, Claude Coile, Jr., Jesse Dempster, Mary Enloe, Elizabeth French, Vernon C. Gilbert, Jr., David Highbough, Mr. and Mrs. H. Frank Leonhard, Mrs. Alice D. Miller, Mr. and Mrs. Robert A. Monroe, Mrs. E. E. Overton, J. B. Owen, Paul S. Pardue, H. B. Reed, Jr., Arthur Stupka, James T. Tanner, Dr. and Mrs. Samuel R. Tipton (T. O. S., National Park Service, and guests).

264. Johnsonville, Tenn. (dewatering area of Tenn. Nat. Wildlife Refuge at confluence of Duck and Tennessee Rivers, including complete circuit by road but excluding immense blackbird roost therein; riverbottom farmland 50%, marshes 10%, open water and shoreline 10%, woods and brush 30%).—Jan. 1; 8 a.m. to 4:30 p.m. Partly cloudy; temp. 40° to 52°; wind W, 5-10 m.p.h.; ground bare and wet. Ten observers in 1 party. Total party-hours, 8½ (5½ on foot, 3 by car); total party-miles, 18 (3 on foot, 15 by car). Double-crested Cormorant, 100; Great Blue Heron, 60; **Am. Egret, 45**; Canada Goose, 1000; Mallard, **30,000**; Black Duck, 75; Gadwall, 5; Am. Widgeon, 50; Green-winged Teal, 600; Shoveller, 7; Ring-necked Duck, 25; Buffle-head, 1; Hooded Merganser, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Golden Eagle, 2; Bald Eagle, 7; Marsh Hawk, 10; Sparrow Hawk, 2; Am. Coot, 7; Killdeer, 5; Ring-billed Gull, 32; Mourning Dove, 34; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 1; Downy Woodpecker, 8; Blue Jay, 3; Am. Crow, 750; Carolina Chickadee, 8; Tufted Titmouse, 3; Carolina Wren, 4; Mockingbird, 3; Am. Robin, 6; Eastern Bluebird, 4; Cedar Waxwing, 1; Loggerhead Shrike, 3; Common Starling, 1000; House Sparrow, 75; Eastern Meadowlark, 60; Red-winged Blackbird, 3000; Rusty Blackbird, 7; Purple Grackle, 3000; Brown-headed Cowbird, 3; Cardinal, 55; Am. Goldfinch, 35; Eastern Towhee, 1; Savannah Sparrow, 7; Slate-colored Junco, 15; White-crowned Sparrow, 4; White-throated Sparrow, 62; Fox Sparrow, 15; Swamp Sparrow, 35; Song Sparrow, 40. **Total,** 56 species; about 40,290 individuals.—Joe L. Bailey, Boyd L. Burris, Ruth Castles (compiler), Mrs. L. DeBrohun, Robert Easley, Albert F. Ganier, Edward Gleaves, Mrs. F. C. Laskey, H. E. Palmer, John Ogden, Jennie Riggs.

265. Memphis, Tenn. (1953 areas generally; wooded bottomlands 25%, deciduous woods including city parks 20%, pastures, airfields, farms 25%, suburban roadsides 28%, river edge 2%).—Dec. 23; 6:40 a.m. to 5:15 p.m. Overcast; temp. 51° to 66°; wind W, 0-12 m.p.h. Seventeen observers in 8 parties. Total party-hours, 81 (57 on foot, 24 by car); total party-miles, 168 (46 on foot, 122 by car). Pied-billed Grebe, 8; Great Blue Heron, 1; Canada Goose, 61; Mallard, 252; Am. Widgeon, 1; Ring-necked Duck, 3; Lesser Scaup, 72; Turkey Vulture, 4; Black Vulture, 2; Cooper's Hawk, 4; Red-tailed Hawk, 20; Red-shouldered Hawk, 4; Marsh Hawk, 2; Sparrow Hawk, 28; Bob-white, 74; Killdeer, 354; Wilson's Snipe, 4; Ring-billed Gull, 15; Mourning Dove, 185; Barn Owl, 1; Screech Owl, 1; Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 5; Yellow-shafted Flicker, 115; Pileated Woodpecker, 3; Red-bellied Woodpecker, 49; Red-headed Woodpecker, 5; Yellow-

bellied Sapsucker, 15; Hairy Woodpecker, 18; Downy Woodpecker, 45; Eastern Phoebe, 1; Horned Lark, 74; Blue Jay, 282; Am. Crow, 57; Carolina Chickadee, 121; Tufted Titmouse, 54; White-breasted Nuthatch, 3; Brown Creeper, 4; Winter Wren, 25; Bewick's Wren, 1; Carolina Wren, 100; **Rock Wren,** 1 (collected); Mockingbird, 170; Brown Thrasher, 14; Am. Robin, 6334; Hermit Thrush, 17; Eastern Bluebird, 11; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 7; Water Pipit, 19; Sprague's Pipit, 7; Cedar Waxwing, 14; Loggerhead Shrike, 45; Common Starling, 250,000; Myrtle Warbler, 62; House Sparrow, 617; Eastern Meadowlark, 517; Western Meadowlark, 3; Red-winged Blackbird, 350,000; Rusty Blackbird, 260; Purple Grackle, 250,000; Brown-headed Cowbird, **150,000**; Cardinal, 702; Purple Finch, 1; Am. Goldfinch, 228; Eastern Towhee, 35; **Green-tailed Towhee, 1** (carefully identified —F.B.); Savannah Sparrow, 42; Slate-colored Junco, 503; Field Sparrow, 114; Harris's Sparrow, 4; White-crowned Sparrow, 79; White-throated Sparrow, 1278; Fox Sparrow, 91; Swamp Sparrow, 96; Song Sparrow, 265; Lapland Longspur, 219; Smith's Longspur, 8. **Total,** 79 species; about 1,013,854 individuals.—Mr. and Mrs. Ben B. Coffey, Jr., John T. Bigham, Mrs. Floy Burford, Mary Davant, Luther F. Keeton, Lawrence C. Kent, Edward M. King, Mrs. J. H. McWhorter, S. Jack Rini, Mrs. Henry A. Schiller, Alice Smith, Mrs. Arlo I. Smith, Jerry Smith, R. Demett Smith, Jr., Mrs. M. L. Torti, Mrs. Rose N. Wooldridge (Memphis Chapter, T. O. S.).

266. **Nashville, Tenn.** (same localities as in past 6 years).—Dec. 22; 6 a.m. to 5 p.m. Overcast, visibility poor after 2 p.m.; temp. 53° to 57°; wind NW, 5-8 m.p.h.; ground bare, sloughs dry. Twenty-twe observers in 6 parties. Total party-hours, 49 (40 on foot, 9 by car); total party-miles, 96 (26 on foot, 70 by car). Pied-billed Grebe, 10; Great Blue Heron, 2; Black-crowned Night Heron, 16; Mallard, 47; Black Duck, 3; Am. Widgeon, 10; Green-winged Teal, 1; Shoveller, 2; Redhead, 2; Ring-necked Duck, 48; Canvas-back, 14; Lesser Scaup, 8; Am. Golden-eye, 1; Ruddy Duck, 2; Hooded Merganser, 1; Black Vulture, 5; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 4; Marsh Hawk, 1; Sparrow Hawk, 12; Bob-white, 47; Am. Coot, 300; Killdeer, 118; Wilson's Snipe, 1; Ring-billed Gull, 6; Mourning Dove, 185; Horned Owl, 12; Barred Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 32; Pileated Woodpecker, 6; Red-bellied Woodpecker, 31; Yellow-bellied Sapsucker, 12; Hairy Woodpecker, 7; Downy Woodpecker, 53; Eastern Phoebe, 2; Horned Lark, 152; Blue Jay, 43; Am. Crow, 290; Carolina Chickadee, 105; Tufted Titmouse, 63; White-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 2; Bewick's Wren, 5; Carolina Wren, 66; Mockingbird, 123; Brown Thrasher, 4; Am. Robin, 3600; Hermit Thrush, 9; Eastern Bluebird, 106; Golden-crowned Kinglet, 1; Water Pipit, 17; Cedar Waxwing, 13; Loggerhead Shrike, 7; Common Starling, 13,000; Myrtle Warbler, 38; House Sparrow, 230; Eastern Meadowlark, 157; Red-winged Blackbird, 30; **Brewer's Blackbird, 110** (first Nashville record—A.G.); Purple Grackle, 58; Brown-headed Cowbird, 5; Cardinal, 193; Am. Goldfinch, 295; Eastern Towhee, 63; Savannah Sparrow, 25; Slate-colored Junco, 133; Field Sparrow, 65; **Harris's Sparrow, 1** (collected); White-crowned Sparrow, 80; White-throated Sparrow, 138; Fox Sparrow, 15; Swamp Sparrow, 72; Song Sparrow, 102.—**Total,** 76 species; about 20,433 individuals.—B. H. Abernathy, Mrs. W. F. Bell, Boyd L. and Mrs. Burrus, Ruth Castles, Mrs. Charles Cornelius, Sr., Charles Farrell, Albert F. Ganier (compiler), Edward Gleaves, Mrs. C. E. Goodlet, W. H. Hon, Mrs. F. C. Laskey, G. R. Mayfield, G. R. Mayfield, Jr., Richard Mellon, John Ogden, H. E. Palmer, Jennie Riggs, James Robins, Edwin and Dan Schreiber, Michael Tine (Nashville Chapter, T. O. S.).

267. **Reelfoot Lake, Tenn.** (same area as in past, slightly less coverage by boat due to low water; lake 20%, marsh 5%, deciduous woods 45%, field and farm 18%, roadside 12%).—Dec. 29; 6:30 a.m. to 5:30 p.m. Clear to cloudy with snow flurries p.m.; temp. 28° to 45°; wind W to NW, 2-15 m.p.h. Fourteen observers in 6 parties. Total party-hours, 49 (37 on foot, 6 by car, 6 by boat; total party-miles, 159 (35 on foot, 105 by car, 19 by boat). Pied-billed Grebe, 10; Double-crested Cormorant, 510; Great Blue Heron, 122; Canada Goose, 6800 (Hutchin's, 1); Mallard, 35,000; Black Duck, 45; Gadwall, 2800; Am. Widgeon, 28; Pintail, 28; Green-winged Teal, 4; Blue-winged Teal, 2; Shoveller, 250; Redhead, 9; Ring-necked Duck, 3000; Canvas-back, 5300; Lesser Scaup, 440; Am. Golden-eye, 28; Buffle-head, 51; Ruddy Duck, 137; Red-breasted Merganser, 3; Turkey Vulture, 1; Black Vulture, 3; Cooper's Hawk, 1; Red-tailed Hawk, 19; Red-shouldered Hawk, 6; **Golden Eagle, 3** (carefully studied at close range); Bald Eagle, 28; Marsh Hawk, 2; Sparrow Hawk, 10; Bob-white, 8; Am. Coot, 7000; **Florida Gallinule, 1** (second local winter record); Killdeer, 36; Wilson's Snipe, 3; Herring Gull, 2; Ring-billed Gull, 25; Mourning Dove, 7; Belted Kingfisher, 2; Yellow-shafted Flicker, 19; Pileated Woodpecker, 10; Red-bellied Woodpecker, 39; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 7; Downy Woodpecker, 41; Eastern Phoebe, 1; Horned Lark, 49; Blue Jay, 34; Am. Crow, 250; Carolina Chickadee, 69; Tufted Titmouse, 63; White-breasted Nuthatch, 7; Brown Creeper, 5; Winter Wren, 13; Bewick's Wren, 1; Carolina Wren, 28; Short-billed Marsh Wren, 1; Mockingbird, 18; Brown Thrasher, 3; Am. Robin, 1; Hermit Thrush, 3; Eastern Bluebird, 38; Golden-crowned Kinglet, 30; Ruby-crowned Kinglet, 11; Loggerhead Shrike, 18; Common Starling, 250,000; Myrtle Warbler, 1; House Sparrow, 135; Eastern Meadowlark, 10; **Western Meadowlark, 1** (singing); Red-winged Blackbird, 4,500,000; Purple Grackle, 32,000; Brown-headed Cowbird, 42; Cardinal, 76; Purple Finch, 1; Am. Goldfinch, 51; Eastern Towhee, 3; Savannah Sparrow, 4; Vesper Sparrow, 1; Slate-colored Junco, 168; Field Sparrow, 28; White-crowned Sparrow, 17; White-throated Sparrow, 123; Fox Sparrow, 4; Swamp Sparrow, 33; Song Sparrow, 20. **Total,** 85 species (1 additional subspecies); about 4,845,208 individuals.

(Seen count period: Hooded Merganser, Barred Owl, Brewer's Blackbird, Rusty Blackbird.)—Mr. and Mrs. Howard Barbig (compilers), W. Fickle, Mr. and Mrs. Hunter M. Hancock, Preston Lane, Charles McPherson, Gerhardt Megow, Gerlinda Megow, Mack Prichard, Bill Sledd, R. L. Thursten, Jr.

268. Roan Mountain, Tenn.–N. C. (from Carver's Gap [5500 ft.] to Grassy Bald [6200 ft.] to Low Gap [5100 ft.] to Carver's Gap, to Roan High Bluff [6250 ft.], Rhododendron Gardens, Balsam Road, Carver's Gap [6100-5500 ft.]; grassy area partly covered with alder and rhododendron 40%, deciduous woodland 20%, fir and spruce mixed with deciduous trees, rhododendron, and to small extent alder and briar 40%).—Dec. 22; 7 a.m. to 5:45 p.m. Very cloudy, good visibility early a.m., fog from 8 a.m. on; temp. 41° to 47°; wind SW to S, 8-15 m.p.h.; no snow on ground, a few bluets in bloom at 6000-6100 ft., no doubt as result of balmy weather in mid-Dec. One observer. Total hours, 10¾; total miles, 13 (all on foot). Ruffed Grouse, 3; Hairy Woodpecker, 1; Horned Lark, 1 (Prairie, highest bird at 6100 ft.); Blue Jay, 2; Red-breasted Nuthatch, 1; Winter Wren, 1; Am. Robin, 4; Golden-crowned Kinglet, 2; Slate-colored Junco, 53; **Fox Sparrow, 2** (in same thicket as previous winter). **Total,** 10 species; 70 individuals.—Fred Behrend.

269. Birmingham, Ala. (same 15-mile diameter circle as past 21 years, centering in New Merkle and including East Lake, Lake Purdy, Oak Mountain, Elmwood Cemetery; oak–pine woodland 24%, woodland borders 22%, short grass fields 17%, suburban 13%, lakes, rivers, ponds 12%, tall grass, weeds, etc. 8%, hardwoods 4%).—Dec. 22; 5:45 a.m. to 5:15 p.m. Light rain all day; temp. 58° to 68°; wind SSE, 0-18 m.p.h.; warm, wet Dec. made up for a cold, dry Nov. Sixteen observers in 5 parties. Total party-hours, 45 (39 on foot, 6 by car); total party-miles, 185 (30 on foot, 155 by car). Common Loon, 1; Horned Grebe, 4; Pied-billed Grebe, **113**; Great Blue Heron, 2; Mallard, 4; Am. Widgeon, 4; Green-winged Teal, 7; Redhead, 1; Ring-necked Duck, 92; Canvas-back, 5; Lesser Scaup, 4; Am. Golden-eye, 1; Red-breasted Merganser, 2; Cooper's Hawk, 3; Red-shouldered Hawk, 4; **Peregrine Falcon, 1** (M.P.); Sparrow Hawk, 4; Bob-white, 37; Am. Coot, 277; Killdeer, 161; Wilson's Snipe, **34**; **Least Sandpiper, 22** (regular in winter when water conditions satisfactory); Mourning Dove, 172; Horned Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 51; Pileated Woodpecker, 12; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 17; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 6; Downy Woodpecker, 18; Red-cockaded Woodpecker, 3; Eastern Phoebe, **8**; Blue Jay, 134; Am. Crow, 78; Carolina Chickadee, 94; Tufted Titmouse, 77; White-breasted Nuthatch, **30**; **Red-breasted Nuthatch, 2** (F.D.); Brown-headed Nuthatch, 3; Brown Creeper, 1; Winter Wren, 1; Bewick's Wren, 3; Carolina Wren, 64; Mockingbird, **131**; **Catbird, 3** (I.S.); Brown Thrasher, 7; Am. Robin, 65; Hermit Thrush, 20; Eastern Bluebird, 84; Golden-crowned Kinglet, 61; Ruby-crowned Kinglet, **125**; Water Pipit, 9; Cedar Waxwing, 119; Loggerhead Shrike, 10; Common Starling, 557; Myrtle Warbler, 44; Pine Warbler, 59; Common Yellowthroat, 4; House Sparrow, 193; Eastern Meadowlark, 195; Red-winged Blackbird, 537; Rusty Blackbird, 169; Purple Grackle, 149; Brown-headed Cowbird, **554**; Cardinal, **240**; Purple Finch, 5; **Pine Siskin, 4** (M.P.); Am. Goldfinch, 149; Eastern Towhee, 170; Savannah Sparrow, 18; Vesper Sparrow, 2; Slate-colored Junco, 209; Chipping Sparrow, 84; Field Sparrow, **361**; White-crowned Sparrow, 4; White-throated Sparrow, **587**; Fox Sparrow, 17; Swamp Sparrow, 102; Song Sparrow, **278**. **Total,** 81 species; about 6915 individuals. (Seen in area count period: Turkey Vulture, Black Vulture, Red-tailed Hawk, Barred Owl, **Baltimore Oriole**; just outside circle **Blackburnian Warbler** carefully studied by competent observer.)—Ruth Brunson, Blanche H. Chapman, Ruth Copeland, F. Bozeman Daniel, Marie Davis, Mildred Ferris, Virginia Hamilton, Malcolm Harden, Jr., Dan C. Holliman, Thomas A. Imhof (compiler), Morton H. Perry, Robert D. Perry, Peter Smith, Idalene F. Snead, Grace Snead, J. Bolling Sullivan (Birmingham Audubon Society).

270. Dauphin Island, Ala. (15-mile diameter circle centering on southern tip of Mon Luis Isle just west of Heron Bay, including all of Dauphin Island except western 4 miles, Cedar Point, Coden, Bayou La Batre, Bellingrath Gardens; pine–hardwoods 44%, pine woods 17%, open water 10%, salt marsh 10%, mud, sand and shell flats 9%, fresh marsh and ponds 7%, farms 3%).—Dec. 29; 5:30 a.m. to 6 p.m. Clear; temp. 40° to 55°; wind NW, 3-18 m.p.h.; boat trip cancelled due to small craft warning, water in bays low, shorebirds far out, small birds hard to flush. Nine observers in 4 parties. Total party-hours, 37 (30 on foot, 7 by car); total party-miles, 150 (25 on foot, 125 by car). Common Loon, 1; Horned Grebe, 40; Pied-billed Grebe, 10; White Pelican, 13; Brown Pelican, 126; Double-crested Cormorant, 101; Great Blue Heron, 20; Yellow-crowned Night Heron, 1; Am. Bittern, 1; ibis (sp.), 1 (J.D.); Mallard, 1; Black Duck, 3; Gadwall, 260; Am. Widgeon, 2; Redhead, 4; Canvas-back, 3; Lesser Scaup, 50; Am. Golden-eye, **250**; Red-breasted Merganser, 165; ducks (sp.), 300+; Turkey Vulture, 10; Black Vulture, 8; Red-shouldered Hawk, 3; Marsh Hawk, 4; Pigeon Hawk, 1; Sparrow Hawk, 28; King Rail, 1; Clapper Rail, 18; Virginia Rail, **8**; Sora, 6; Am. Oyster-catcher, 1; Piping Plover, **110**; Snowy Plover, 2; Ringed Plover, 100; Killdeer, 61; Black-bellied Plover, 75; Ruddy Turnstone, 28; Willet, 10; Greater Yellow-legs, 11; Least Sandpiper, 5; Red-backed Sandpiper, 650+; Dowitcher, 8; Semipalmated Sandpiper, 18; Western Sandpiper, 63; Sanderling, 66; shorebirds (sp.), 200+; Herring Gull, 600+; Ring-billed Gull, 1000+; Laughing Gull, 800+; **Gull-billed Tern, 4** (J.D.); Forster's Tern, 19; Royal Tern, 54+; Caspian Tern, 65; gulls and terns (sp.), 5000+; Mourning Dove, 14; Screech Owl, 1; Belted Kingfisher, 17; Yellow-shafted Flicker, 7; Red-bellied Woodpecker, 8; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 1; Eastern

Phoebe, **68**; **Vermilion Flycatcher, 1** (G.S., C.McT.) Tree Swallow, 2; Blue Jay, 50; Am. Crow, 500+; Fish Crow, 18; Carolina Chickadee, 2; Brown-headed Nuthatch, 24; House Wren, 8; Bewick's Wren, 1; Carolina Wren, 28; Long-billed Marsh Wren, 2; Short-billed Marsh Wren, 17; Mockingbird, 56; Catbird, 10; Brown Thrasher, 26, Am. Robin, 9; Hermit Thrush, 3; Eastern Bluebird, 51; Blue-gray Gnatcatcher, 15; Golden-crowned Kinglet, 1 (R.G.); Ruby-crowned Kinglet, 29; Water Pipit, 43; Cedar Waxwing, 1; Loggerhead Shrike, 34; Common Starling, 25; **Yellow-throated Vireo, 1** (carefully identified); Solitary Vireo, 3; Orange-crowned Warbler, 2; Myrtle Warbler, 1500+; Pine Warbler, 123; Palm Warbler, 4; Common Yellowthroat, 13; House Sparrow, 5; Eastern Meadowlark, 47; Red-winged Blackbird, 1150+; Rusty Blackbird, 70; **Brewer's Blackbird, 6** (T.I., D.H.); Boat-tailed Grackle, 3; Purple Grackle, 25; Brown-headed Cowbird, 33; Cardinal, 73; Am. Goldfinch, 52; Eastern Towhee, 39; Savannah Sparrow, 35; **Leconte's Sparrow, 3** (T.I., D.H.); Sharp-tailed Sparrow, 5; Seaside Sparrow, 6; Vesper Sparrow, 12; Pine-woods Sparrow, 3; Field Sparrow, 37; White-throated Sparrow, 32; Swamp Sparrow, 29; Song Sparrow, 7. **Total,** 112 species; over 14,781 individuals. (Ten miles outside circle, Dec. 26: **Rufous Hummingbird,** first record for Alabama—R.G.)—Blanche H. Chapman, Rev. J. L. Dorn, Rosemary D. Gaymer, Dan C. Holliman, Thomas A. Imhof (compiler), Clustie E. McTyeire, Grace M. Snead, Idalene F. Snead, Rev. Claude E. Valentine (A. O. S. and Canada Audubon Society).

271. **Marion, Ala.** (7-mile radius including Marion Fish Cultural Station, Judson College Campus, Lakeland Farm, Cahaba River bottomland; swampy river bottomland 8%, deciduous woods mixed with conifers 22%, fencerows and field borders 12%, open grassy, weedy and cultivated fields 26%, lakes, ponds and borders 32%).—Dec. 22; 5:30 a.m. to 5 p.m. Heavily overcast, scattered rain; temp. 60° to 72°; wind SE to ESE, 0-10 m.p.h.; 2 weeks preceding count unusually cloudy and rainy. One observer. Total hours, 11 (6 on foot, 5 by car); total miles, 52 (7 on foot, 45 by car). Pied-billed Grebe, 8; **Double-crested Cormorant, 1**; Great Blue Heron, 3; **Am. Egret, 2**; Mallard, 330; Black Duck, 3; Gadwall, 16; Am. Widgeon, 13; Pintail, 9; Green-winged Teal, 53; Ring-necked Duck, 48; **Canvas-back, 1**; Lesser Scaup, 1; **Am. Golden-eye, 3**; **Buffle-head, 2**; Ruddy Duck, 1; Hooded Merganser, 22; Turkey Vulture, 1; Black Vulture, 8; Cooper's Hawk, 4; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Pigeon Hawk, 1; Sparrow Hawk, 4; Bob-white, 6; Am. Coot, 1; Killdeer, 154; Wilson's Snipe, **163**; Least Sandpiper, 70; **Ring-billed Gull, 1**; **Bonaparte's Gull, 1**; Mourning Dove, 3; Belted Kingfisher, 6; Yellow-shafted Flicker, 19; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 6; Eastern Phoebe, 11; **Horned Lark, 212**; Blue Jay, 15; Am. Crow, 76; Carolina Chickadee, 23; Tufted Titmouse, 2; Brown-headed Nuthatch, 3; Winter Wren, 5; Carolina Wren, 16; **Short-billed Marsh Wren, 1**; Mockingbird, 18; Brown Thrasher, 7; Am. Robin, 92; Hermit Thrush, 6; Eastern Bluebird, 8; Golden-crowned Kinglet, 24; Ruby-crowned Kinglet, 34; Water Pipit, 72; Cedar Waxwing, 9; Loggerhead Shrike, 8; Common Starling, 18; **Blue-gray Gnatcatcher, 1**; Myrtle Warbler, **270**; Pine Warbler, 3; Common Yellowthroat, 1; House Sparrow, 250; Eastern Meadowlark, 56; Red-winged Blackbird, 91; Rusty Blackbird, 30; Purple Grackle, 10; Brown-headed Cowbird, 16; Cardinal, 57; Am. Goldfinch, 121; Eastern Towhee, 18; Savannah Sparrow, 73; Pine-woods Sparrow, 2; Vesper Sparrow, 7; Slate-colored Junco, 8; Chipping Sparrow, 6; Field Sparrow, 42; White-crowned Sparrow, 11; White-throated Sparrow, **144**; Swamp Sparrow, 22; Song Sparrow, 28; **Lapland Longspur, 8**. **Total,** 84 species; about 2919 individuals. [Exceptionally neat, carefully prepared report with excellent details for all unusual observations—Ed.] (Seen count period: **Black-crowned Night Heron,** Peregrine Falcon, House Wren, Fox Sparrow.)—Lois McCollough.

272. **Mobile, Ala.** (15-mile diameter including Causeway across upper Mobile Bay, Mobile River, Mobile and suburbs, Spring Hill College campus; river, bay, ponds 30%, marshlands, beaches 30%, upland deciduous and evergreen woods 25%, weedy pastures and roadsides 10%, cultivated fields 5%).—Dec. 28; 6:30 a.m. to 6:30 p.m. Clear; temp. 50° to 68°; wind S to SW, 8-20 m.p.h. Nine observers in 3 parties. Total party-hours, 36 (29 on foot, 7 by car); total party-miles, 85 (21 on foot, 64 by car). Common Loon, 1; Horned Grebe, 42; Pied-billed Grebe, 37; White Pelican, 41; Brown Pelican, 16; Double-crested Cormorant, 157; Great Blue Heron, 3; Am. Egret, 28; Snowy Egret, 95; Louisiana Heron, 3; Little Blue Heron, 1; **Black-crowned Night Heron, 2**; **Yellow-crowned Night Heron, 1**; Mallard, 2; Black Duck, 2; Gadwall, 4600; Am. Widgeon, 12; Pintail, 610; Green-winged Teal, 150; Shoveller, 1; Redhead, 32; Ring-necked Duck, 74; Canvas-back, 3200; Lesser Scaup, 800; Am. Golden-eye, 3; Bufflehead, 2; Ruddy Duck, 15; Hooded Merganser, 16; Red-breasted Merganser, 18; Turkey Vulture, 1; Black Vulture, 27; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 3; Marsh Hawk, 7; Pigeon Hawk, 1; Sparrow Hawk, 6; Bob-white, 1; Clapper Rail, 4; Virginia Rail, 3; Sora, 1; Florida Gallinule, 2; Am. Coot, 5400; Killdeer, 245; Ruddy Turnstone, 2; Wilson's Snipe, 19; Greater Yellow-legs, 4; Least Sandpiper, 15; Red-backed Sandpiper, 22; Western Sandpiper, 1; **Great Black-backed Gull, 1** (first state record, carefully studied—T.I., R.G.); Herring Gull, 330; Ring-billed Gull, 901; Laughing Gull, 1012; **Gull-billed Tern, 1** (T.I. party); Forster's Tern. 305; Royal Tern, 2; Caspian Tern, 95; Mourning Dove, 9; Screech Owl, 1; Belted Kingfisher, 10; Yellow-shafted Flicker, 30; Pileated Woodpecker, 1; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 2; Eastern Phoebe, 3; Tree Swallow, 1050; Blue Jay, 67; Am. Crow, 90; Fish Crow, 3; Carolina Chickadee, 5; Tufted Titmouse, 6; House Wren, 1; Bewick's Wren, 2; Carolina Wren, 17; Long-billed

Marsh Wren, 2; Mockingbird, 740; Catbird, 2; Brown Thrasher, 12; Am. Robin, 1065; Hermit Thrush, 5; Eastern Bluebird, 25; Blue-gray Gnatcatcher, 8; Golden-crowned Kinglet, 18; Ruby-crowned Kinglet, 53; Water Pipit, 50; Cedar Waxwing, 55; Loggerhead Shrike, 13; Common Starling, 2720; Orange-crowned Warbler, 3; Myrtle Warbler, 787; Palm Warbler, 25; Common Yellowthroat, 1; House Sparrow, 115; Eastern Meadowlark, 274; Red-winged Blackbird, 3501; **Rusty Blackbird, 23**; **Brewer's Blackbird, 250**; Boat-tailed Grackle, 251; Purple Grackle, 3245; Brown-headed Cowbird, 75; Cardinal, 58; Am. Goldfinch, 17; Eastern Towhee, 30; Savannah Sparrow, 31; Sharp-tailed Sparrow, 1; Seaside Sparrow, 2; Vesper Sparrow, 35; Chipping Sparrow, 30; Field Sparrow, 81; White-throated Sparrow, 750; Swamp Sparrow, 65; Song Sparrow, 100. **Total,** 115 species; about 34,202 individuals. (Seen in area count period: Blue-winged Teal, Ringed Plover, Black-bellied Plover, Sanderling, Hairy Woodpecker, White-eyed Vireo.)—Rev. J. L. Dorn, (compiler), Dan C. Holliman, Tom Imhof, Rosemary Gaymer, Rev. Charles Miller, Grace Snead, Idalene F. Snead, Clustie McTyeire, Rev. Claude Valentine.

273. Columbus, Miss. (NE border air base, Old Macon Rd. south to Y Camp on Tombigbee R., town to airport; highways and old fields 20%, pastures and airfield 30%, deciduous wooded bottom 23%, tupelo swamps 7%, mixed pine–hardwoods 20%).—Dec. 25; 6:35 a.m. to 5 p.m. Clear; temp. 33° to 45°; wind NW, 5-8 m.p.h. One observer. Total hours, 10 (5 on foot, 5 by car); total miles, 50 (5 on foot, 45 by car). Pied-billed Grebe, 1; Mallard, 4; Wood Duck, 2; Turkey Vulture, 2; Black Vulture, 11; Red-tailed Hawk, 7; Red-shouldered Hawk, 4; Marsh Hawk, 2; Sparrow Hawk, 2; Bob-white, 23; Am. Coot, 1; Killdeer, 27; Wilson's Snipe, 1; Mourning Dove, 6; Belted Kingfisher, 1; Yellow-shafted Flicker, 31; Pileated Woodpecker, 5; Red-bellied Woodpecker, 19; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 12; Eastern Phoebe, 2; Horned Lark, 10; Blue Jay, 24; Am. Crow, 56; Carolina Chickadee, 19; Tufted Titmouse, 12; Brown Creeper, 2; Winter Wren, 2; Bewick's Wren, 1; Carolina Wren, 13; Mockingbird, 19; Brown Thrasher, 1; Am. Robin, 4; Hermit Thrush, 11; Eastern Bluebird, 12; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 9; Sprague's Pipit, 4; Cedar Waxwing, 32; Loggerhead Shrike, 17; Common Starling, 192; Myrtle Warbler, 25; House Sparrow, 67; Eastern Meadowlark, 254; Red-winged Blackbird, 263; Rusty Blackbird, 28; Purple Grackle, 83; Brown-headed Cowbird, 6; blackbirds (sp.), 25,000; Cardinal, 83; Purple Finch, 1; Am. Goldfinch, 23; Eastern Towhee, 8; Savannah Sparrow, 86; Leconte's Sparrow, 4; Slate-colored Junco, 93; Field Sparrow, 214; White-throated Sparrow, 104; Fox Sparrow, 4; Lincoln's Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 21. **Total,** 63 species; about 26,985 individuals.—Ben B. Coffey, Jr.

274. Natchez, Miss. (1954 areas plus Liberty and Lower Woodville Rds.; deciduous woods 40%, pines 15%, pastures and airfields 20%, roadside and weedy fields 20%, river front 5%).—Dec. 30; 6:45 a.m. to 5:30 p.m. Clear; temp. 51° to 68°; wind W, 0-5 m.p.h. Four observers in 3 parties to 10:30, in one car afterwards. Total party-hours, 19 (10 on foot, 9 by car); total party-miles, 56 (9 on foot, 47 by car). Turkey Vulture, 7; Black Vulture, 11; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Bob-white, 17; Killdeer, 203; Wilson's Snipe, 1; Ring-billed Gull, 13; Mourning Dove, 5; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 52; Pileated Woodpecker, 5; Red-bellied Woodpecker, 50; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 16; Hairy Woodpecker, 10; Downy Woodpecker, 17; Eastern Phoebe, 12; Blue Jay, 205; Am. Crow, 43; Carolina Chickadee, 26; Tufted Titmouse, 25; White-breasted Nuthatch, 1; House Wren, 2; Winter Wren, 7; Bewick's Wren, 2; Carolina Wren, 78; Mockingbird, 51; Brown Thrasher, 36; Am. Robin, 45; Hermit Thrush, 14; Eastern Bluebird, 23; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 34; Water Pipit, 48; Sprague's Pipit, 3; Cedar Waxwing, 3; Loggerhead Shrike, 30; Common Starling, 34; Orange-crowned Warbler, 4; **Black-throated Gray Warbler, 1** (first Miss. record, carefully studied by all observers); Myrtle Warbler, 414; Pine Warbler, 19; Common Yellowthroat, 2; House Sparrow, 131; Eastern Meadowlark, 163; Red-winged Blackbird, 116; Rusty Blackbird, 1; Purple Grackle, 2137; Brown-headed Cowbird, 1; blackbirds (sp.), 815; Cardinal, 310; Am. Goldfinch, 143; Eastern Towhee, 46; Savannah Sparrow, 68; Leconte's Sparrow, 3; Vesper Sparrow, 2; Slate-colored Junco, 40; Chipping Sparrow, 7; Field Sparrow, 40; White-throated Sparrow, 481; Fox Sparrow, 69; **Lincoln's Sparrow, 1** (B.C.); Swamp Sparrow, 55; Song Sparrow, 139. **Total,** 68 species; about 6365 individuals. (Seen in area count period: Horned Owl.)—Mr. and Mrs. Ben B. Coffey, Jr., Alice Smith, R. Demett Smith, Jr.

275. Noxubee National Wildlife Refuge, Miss. (same area as last year; mixed woods, including some pine tracts, 60%, lake and cypress swamp 20%, streams 1%, fields 19%).—Jan. 1; 7 a.m. to 5 p.m. Partly cloudy; temp. 45° to 60°; wind N to NE, 5-15 m.p.h. One observer. Total hours, 10 (8 on foot, 2 by car); total miles, 18 (10 on foot, 8 by car). Pied-billed Grebe, 2; Double-crested Cormorant, 75; Great Blue Heron, 2; Am. Egret, 10; Canada Goose, 60; **Snow Goose, 1**; **Blue Goose, 2**; Mallard, 203; Gadwall, 75; Am. Widgeon, 2; Pintail, 75; Shoveller, 8; Wood Duck, 2; Canvas-back, 25; Buffle-head, 1; Ruddy Duck, 31; Hooded Merganser, 6; Turkey Vulture, 1; Black Vulture, 8; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; **Rough-legged Hawk, 2**; Marsh Hawk, 2; Sparrow Hawk, 2; Bob-white, 7; Am. Coot, 32; Killdeer, 18; Ring-billed Gull, 2; Mourning Dove, 9; **Ground Dove, 1**; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 10; Pileated Woodpecker, 1; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Downy Wood-

pecker, 9; **Red-cockaded Woodpecker, 4**; Eastern Phoebe, 7; Blue Jay, 12; Am. Crow, 14; Carolina Chickadee, 11; Tufted Titmouse, 6; White-breasted Nuthatch, 1; Winter Wren, 4; Carolina Wren, 10; Mockingbird, 2; Brown Thrasher, 4; Am. Robin, 1; Hermit Thrush, 3; Eastern Bluebird, 7; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 10; Loggerhead Shrike, 5; Myrtle Warbler, 5; Pine Warbler, 1; Eastern Meadowlark, 12; Rusty Blackbird, 125; Purple Grackle, 6; Cardinal, 85; Am. Goldfinch, 30; Eastern Towhee, 4; Vesper Sparrow, 1; Slate-colored Junco, 45; Field Sparrow, 43; White-throated Sparrow, 62; **Lincoln's Sparrow, 1**; Swamp Sparrow, 3; Song Sparrow, 16. **Total,** 71 species; about 1256 individuals. (Seen in area count week: Turkey.)—Lois Almon.

276. **Allendale, Mich.** (same as 1956, 7½-mile radius including parts of Pigeon Creek, Crockery Creek, Bass River, Grand River between Allendale and Grand Haven; villages 5%, cultivated fields and wastelands 25%, coniferous plantings 5%, marshes 5%, along streams and lakes 25%, maple–cedar swamps 25%, maple–oak forest 10%).—Dec. 24; 8:15 a.m. to 4:30 p.m. Overcast, light rain; temp. 32° to 39°; wind W to NW, 0-14 m.p.h.; trace of snow, small lakes mostly frozen. Two observers in 1 party. Total party-hours, 8 (3 on foot, 5 by car); total party-miles, 90 (5 on foot, 85 by car). Horned Grebe, 2; Black Duck, 2; scaup (sp.), 6; Am. Golden-eye, 56; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Sparrow Hawk, 2; Ring-necked Pheasant, 3; Herring Gull, 636; Ring-billed Gull, 40; Mourning Dove, 2; Horned Owl, 1; Barred Owl, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 6; Blue Jay, 24; Am. Crow, 5; Black-capped Chickadee, 44; Tufted Titmouse, 11; White-breasted Nuthatch, 12; Brown Creeper, 11; Golden-crowned Kinglet, 7; **Loggerhead Shrike, 1** (carefully identified); Common Starling, 113; House Sparrow, 87; Cardinal, 47; Am. Goldfinch, 19; Slate-colored Junco, 83; Am. Tree Sparrow, 85; Song Sparrow, 8. **Total,** 31 species; about 1326 individuals. (Seen count period: Whistling Swan, Ruffed Grouse, Red-bellied Woodpecker.)—Peter Hovingh, Jr. (compiler), James F. Ponshair.

277. **Ann Arbor, Mich.** (same area as previous counts; bottomlands and river edge 25%, deciduous woodlots 20%, coniferous plantations 10%, fields and roadsides 40%, tamarack and sphagnum bog 5%).—Dec. 30; 7:30 a.m. to 6 p.m. Partly cloudy; temp. 12° to 26°; wind N, 0-15 m.p.h.; trace of snow on ground, lakes frozen, river partly open. Nineteen observers in 5 parties. Total party-hours, 157 (120 on foot, 37 by car); total party-miles, 225 (22 on foot, 203 by car). Pied-billed Grebe, 2; **Great Blue Heron, 2**; Mallard, 55; Black Duck, 86; Am. Widgeon, 1; Pintail, 3; Greater Scaup, 7; Am. Golden-eye, 10; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 11; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Bob-white, 10; Ring-necked Pheasant, 8; Am. Coot, 1; Herring Gull, 3; Ring-billed Gull, 3; Mourning Dove, 37; Screech Owl, 3; Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 27; Horned Lark, 1; Blue Jay, 16; Am. Crow, 3; Black-capped Chickadee, 103; Tufted Titmouse, 34; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 4; Brown Creeper, 3; **Carolina Wren, 1**; **Brown Thrasher, 1**; Am. Robin, 1; Eastern Bluebird, 4; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 5; Common Starling, 235; Myrtle Warbler, 7; House Sparrow, 850; Cardinal, 64; Purple Finch, 2; Pine Siskin, 3; Am. Goldfinch, 23; Slate-colored Junco, 51; Am. Tree Sparrow, 268; Song Sparrow, 12. **Total,** 50 species; about 2021 individuals.—Ernest Allmendinger, Charles Barclay, Helen Blanchet, Ralph Branch, Mrs. Margaret G. Branch, Helen Donegan, Wilfred Goodman, Harold D. Hartley, Harold S. Hartley, Mrs. Catherine C. Hartley, William F. Hopkins, Vaden Miles, Mrs. Maxine Miles, Ann Sleight, Haven H. Spencer (compiler), Rolland Stewart, Priscilla Stockwell, Robert W. Storer, John E. Willoughby.

278. **Bangor, Mich.** (from village limits southwest to Van Auken Lake, northwest to Palisades Park, north along Lake Michigan to South Haven, northeast to Allegan County line, southeast to Breedsville, south to Bangor; open farmland 50%, upland woods 20%, lowland woods 10%, fencerows 5%, lake and lake shore 5%, marsh 5%, village 5%).—Dec. 28; 7:30 a.m. to 5:30 p.m. Overcast; temp. 30° to 32°; wind variable, 0-15 m.p.h.; no snow cover. Three observers in 1 party. Total party-hours, 10 (5 on foot, 5 by car); total party-miles, 88 (10 on foot, 78 by car). Mallard, 6; Black Duck, 6; Am. Golden-eye, 72; Am. Merganser, 1; Ring-necked Pheasant, 3; Herring Gull, 300; Ring-billed Gull, 900; Bonaparte's Gull, 155; Mourning Dove, 2; Barred Owl, 2; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 10; Am. Crow, 8; Black-capped Chickadee, 2; Tufted Titmouse, 9; White-breasted Nuthatch, 7; Gray Shrike, 1; Common Starling, 70; House Sparrow, 150; Cardinal, 14; Am. Goldfinch, 36; Slate-colored Junco, 139; Am. Tree Sparrow, 24; Song Sparrow, 4. **Total,** 26 species; about 1926 individuals. (Bob-white, Screech Owl, **Myrtle Warbler** seen count period.)—Max Adler (compiler), Richard C. Fleming, Ted Van Velzen.

279. **Battle Creek, Mich.** (15-mile diameter from Battle Creek to Gull Lake, Wintergreen Lake, Kellogg Forestry area; lake shore 40%, deciduous woodlots 20%, coniferous woodlots 10%, wooded river borders 20%, roadsides 10%).—Dec. 22; 7:10 a.m. to 5:30 p.m. Cloudy; temp. 38° to 42°; wind, 0-12 m.p.h.; no snow, few lakes frozen; extremely warm winter to-date. Seven observers in 3 parties. Total party-hours, 25 (7 on foot, 18 by car); total party-miles, 84 (6 on foot, 78 by car). Horned Grebe, 3; **Whistling Swan, 2**; Canada Goose, 326; Mallard, 290; Black Duck, 104; Gadwall, 37; teal (probably Green-winged), 3; Ring-necked Duck, 14; Canvas-back, 35; Lesser Scaup, 8; Am. Golden-eye, 181; Buffle-head, 21; Hooded Merganser, 15; Red-tailed Hawk, 4;

Bob-white, 5; Ring-necked Pheasant, 1; Am. Coot, 176; Herring Gull, 8; Ring-billed Gull, 2; Mourning Dove, 74; Screech Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 11; Blue Jay, 23; Am. Crow, 11; Black-capped Chickadee, 29; Tufted Titmouse, 13; White-breasted Nuthatch, 13; Brown Creeper, 1; Golden-crowned Kinglet, 19; **Ruby-crowned Kinglet, 1**; Cedar Waxwing, 21; Common Starling, 86; House Sparrow, 68; Cardinal, 17; Pine Siskin, 6; Am. Goldfinch, 101; **Vesper Sparrow, 1**; Slate-colored Junco, 40; Am. Tree Sparrow, 54; Song Sparrow, 2. **Total,** 44 species; about 1831 individuals. [Exceptionally neat, careful report with details for all unusual observations—Ed.]—Donald R. Altemus, Edward M. Brigham, Jr., Elmer Dahlman, William A. Dyer, William L. Perry, R. D. Van Deusen, Lawrence H. Walkinshaw (compiler).

280. Bay City, Mich. (same area as 1955).—Dec. 22; 8:30 a.m. to 4:30 p.m. Cloudy; temp. 32° to 40°; no wind; ground frozen, no snow, bays and rivers fairly open. Thirteen observers in 3 parties. Total party-hours, 24 (12 on foot, 12 by car); total party-miles, 280 (10 on foot, 270 by car). **Horned Grebe, 2**; Mallard, 2; Black Duck, 35; Lesser Scaup, 1; Am. Golden-eye, 13; Am. Merganser, 26; Red-breasted Merganser, 2; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 1; Rough-legged Hawk, 8; Sparrow Hawk, 3; Bob-white, 10; Ring-necked Pheasant, 124; Herring Gull, 406; Ring-billed Gull, 21; Mourning Dove, 15; **Yellow-shafted Flicker, 1**; Hairy Woodpecker, 2; Downy Woodpecker, 7; Blue Jay, 14; Am. Crow, 194; Black-capped Chickadee, 11; Tufted Titmouse, 6; White-breasted Nuthatch, 5; Brown Creeper, 1; **Golden-crowned Kinglet, 5**; Gray Shrike, 5; Common Starling, 622; House Sparrow, 557; **Brown-headed Cowbird, 1**; Cardinal, 18; Am. Goldfinch, 30; Slate-colored Junco, 22; Am. Tree Sparrow, **316**; Swamp Sparrow, 1; Song Sparrow, 11. **Total,** 37 species; about 2506 individuals.—M. Cuthbert, N. L. Cuthbert, D. J. Davis, R. E. Grefe, E. E. Kenaga (compiler), A. Koch, P. Lavoy, F. Maxwell, E. Staudacher, B. Winchell, G. Winchell, L. Wolf, M. A. Wolf.

281. Detroit, Mich. (7½-mile radius centering at Sylvan Lake, perimeter touching Twelve-Mile Road on south, Maybee Road on north, Adams Road on east, Commerce Road on west; pasture 15%, towns and suburbs 20%, lake areas 8%, deciduous woods 35%, conifers 8%, plow land 14%).—Dec. 30; 7:30 a.m. to 4:30 p.m. Clear a.m., overcast, snow flurries p.m.; temp. 12° to 20°; wind N to NW, 10 m.p.h. Sixty observers in 18 parties. Total party-hours, 144 (37 on foot, 107 by car); total party-miles, 748 (95 on foot, 653 by car). Pied-billed Grebe, 2; **Great Blue Heron, 1**; **Whistling Swan, 6**; Canada Goose, 35; Mallard, 330; Black Duck, 241; Canvas-back, 3; Lesser Scaup, 19; Am. Golden-eye, 139; Buffle-head, 1; Am. Merganser, 25; Cooper's Hawk, 2; Red-tailed Hawk, 30; Red-shouldered Hawk, 3; Rough-legged Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 20; hawk (sp.), 6; Bob-white, 123; Ring-necked Pheasant, 186; Am. Coot, 67; Herring Gull, 8; Ring-billed Gull, 64; Mourning Dove, 81; Horned Owl, 2; Belted Kingfisher, 6; Yellow-shafted Flicker, 12; Hairy Woodpecker, 13; Downy Woodpecker, 82; Horned Lark, 6; Blue Jay, 105; Am. Crow, 100; Black-capped Chickadee, 235; Tufted Titmouse, 34; White-breasted Nuthatch, 55; Brown Creeper, 15; **Carolina Wren, 3**; Am. Robin, 6; **Hermit Thrush, 2**; **Olive-backed Thrush, 1** (all field marks—M.H.); Golden-crowned Kinglet, 23; Cedar Waxwing, 2; **Gray Shrike, 3**; Common Starling, 1621; Myrtle Warbler, 1; House Sparrow, 3428; Eastern Meadowlark, 61; Brown-headed Cowbird, 5; Cardinal, 239; Am. Goldfinch, 322; Eastern Towhee, 1; Slate-colored Junco, 1249; Am. Tree Sparrow, 2568; **Field Sparrow, 3**; Song Sparrow, 73. **Total,** 53 species; about 11,548 individuals.—Richard Blackburn, Catherine Cossey, Etta May Costello, David B. Crockett, Mr. and Mrs. E. M. Cutler, Edward Cutler, Joan Deline, Mr. and Mrs. B. L. Diamond, Beatrice M. Dunn, Carol Dunn, George W. Dunn, Betsy Edgar, Evelyn R. Edgar, Jody Edgar, William J. Edgar, Roger Erikson, Dave French, Bob Graham, Mathilde Hinkel, M. L. Hundley, Mr. and Mrs. Neil T. Kelley, Julia King, Victor Knowles, Joanne Kobe, Keith Kreag, Dorothy Kreag, John Kreag, Glenn Kreag, Marlene Kuzmich, Doug Larkin, Lawrence R. Lenz, Verna Lenz, Phyliss Letts, Karen McCotter, John and Doris McMillian, Mr. and Mrs. R. D. Merriam, Paulyne Miller, L. J. Moore, Bill Mussing, Walter P. Nickell, Marian and Everett Norris, Ralph O'Reilly, Linda Pershing, Frank Reiss, Robert O. Rogers (compiler), Betty Runck, James P. Smith, Elizabeth Smith, Marguerite Termano, Jim Thomas, Virginia Thompson, Mr. and Mrs. Eugene Trobaugh, Harriet B. Woolfenden (Detroit Audubon Society).

282. Glen Lake Area, Mich. (northwest section of Leelanau County, including Glen Arbor and shores of Lake Michigan).—Dec. 25; 8 a.m. to 5:30 p.m.; temp. 26° to 33°; wind 10 m.p.h. Three observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 15 (10 on foot, 5 by car). Common Loon, 2; Pied-billed Grebe, 12; Canada Goose, 10; Mallard, 8; Buffle-head, 15; Old-squaw, 4; Am. Merganser, 10; Cooper's Hawk, 1; Ruffed Grouse, 4; Ring-necked Pheasant, 2; Am. Coot, 6; Herring Gull, 75; Hairy Woodpecker, 6; Downy Woodpecker, 12; Blue Jay, 20; Am. Crow, 4; Black-capped Chickadee, 30; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 8; Brown Creeper, 4; Winter Wren, 2; Golden-crowned Kinglet, 2; Common Starling, 10; **Pine Warbler, 4** [no details—Ed.]; House Sparrow, 20; Cardinal, 1; Pine Grosbeak, 8; Pine Siskin, 4; Slate-colored Junco, 10; Snow Bunting, 20. **Total,** 30 species; about 334 individuals.—Elizabeth Francis, George I. Francis (compiler), Elizabeth Francis.

283. Imlay City, Mich. (same area as preceding 7 years; farms and open pasture 50%, fencerows and brush-covered fields 33%, deciduous woodlots 10%, marshes, ponds, streams 5%, White Cedar swamps 1%, village and suburbs 1%).—Dec. 27; 6:30 a.m. to 5 p.m. Cloudy, intermittent light snow; temp. 35° to

37°; wind SW, 5-8 m.p.h.; 1-2-in. new snow, most ponds and streams frozen. Seven observers in 4 parties. Total party-hours, 52 (12 on foot, 40 by car); total party-miles, 180 (14 on foot, 166 by car). Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 4; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 5; Ruffed Grouse, 1; Bob-white, 11; Ring-necked Pheasant, 142; Mourning Dove, 47; Screech Owl, 2; Yellow-shafted Flicker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 16; Horned Lark, 25; Blue Jay, 9; Am. Crow, 59; Black-capped Chickadee, 62; Tufted Titmouse, 1; White-breasted Nuthatch, 10; Brown Creeper, 3; **Mockingbird, 1** (at feeders since mid-Nov.); Golden-crowned Kinglet, 6; Gray Shrike, 5; Common Starling, 214; House Sparrow, 611; Eastern Meadowlark, 4; Cardinal, 35; Am. Goldfinch, 316; Slate-colored Junco, 111; Am. Tree Sparrow, 281; Field Sparrow, 2; Song Sparrow, 45; Snow Bunting, 65. **Total,** 35 species; about 2110 individuals.—Olive Bethcer, Martha A. Lengemann (compiler), Velma Linekar, Richard Moran, Thomas Osmer, L. Pearl Zimmerman, L. M. Zimmerman.

284. Kalamazoo, Mich. (area same as last 8 years; roadside 30%, open farmland 30%, deciduous woods 20%, shrubby marsh 15%, running water 5%). —Dec. 29; 8:15 a.m. to 5:20 p.m. Cloudy to fair, snow squalls; temp. 22° to 30°; wind WNW, 6-18 m.p.h.; light snow cover, running water and portions of deep lakes unfrozen. Nineteen observers in 8 parties. Total party-hours, 29 (21 on foot, 8 by car); total party-miles, 198 (39 on foot, 159 by car). Great Blue Heron, 1; Mallard, 12; Am. Golden-eye, 2; Red-tailed Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 4; Bob-white, 39; Ring-necked Pheasant, 3; **Wilson's Snipe, 1**; Herring Gull, 3; Mourning Dove, 19; Screech Owl, 2; Belted Kingfisher, 4; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 15; Blue Jay, 33; Am. Crow, 330; Black-capped Chickadee, 30; Tufted Titmouse, 14; White-breasted Nuthatch, 16; Brown Creeper, 1; Am. Robin, 4; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 2; shrike (sp.), 1; Common Starling, 628; House Sparrow, 397; **Brown-headed Cowbird, 1**; Cardinal, 78; Purple Finch, 13; Am. Goldfinch, 86; Slate-colored Junco, 253; Am. Tree Sparrow, 134; Song Sparrow, 29. **Total,** 37 species; about 2187 individuals.—Margaret Binder, Helen Burrell, Mr. and Mrs. C. B. Cook, Letha Culver, C. O. Dann, James DeGraff, Ray Deur, Walter Freyburger, Gladys A. Hall (compiler), Merle Hudson, George and John Post, Mr. and Mrs. Wendell Nicholson, Marie Thompson, Ted Van Velzen, Mr. and Mrs. H. O. Wiles.

285. Marquette, Mich. (same area as preceding years, 7-mile radius centering on Front and Washington Sts.; shoreline 30%, urban 10%, marsh 10%, mixed forest 25%, open farmlands and golf course 25%).—Dec. 30; 8:30 a.m. to 4:30 p.m. Blowing snow beginning 11:30; temp. 10° to 15°; wind SW, 5-32 m.p.h.; 16-in. snowfall, harbors open, streams mostly covered with ice. Eight observers in 2 parties. Total party-hours, 16 (1 on foot, 15 by car); total party-miles, 120 (2 on foot, 118 by car). Am. Golden-eye, 32; Herring Gull, 200; Downy Woodpecker, 2; Blue Jay, 14; Common Raven, 1; Am. Crow, 1; Black-capped Chickadee, 9; White-breasted Nuthatch, 1; **Am. Robin, 20**; **Cedar Waxwing, 11**; Gray Shrike, 1; Common Starling, 116; House Sparrow, 80; **Cardinal, 1. Total,** 14 species; about 489 individuals. (Seen count period: Am. Merganser, Pileated Woodpecker, Hairy Woodpecker, Red-breasted Nuthatch, **Mockingbird,** Am. Goldfinch, White-winged Crossbill.)—Robert Jenner, Mrs. Lila LeMaire, Theresa M. Rose, Mrs. Mary Spear Ross (compiler), Rollin K. Thoren, Rollin Thoren, Stevie Thoren, Edwin C. Weiland.

286. Midland, Mich. (same area as 1955).—Jan. 1; 8:30 a.m. to 4:30 p.m. Clear; temp. 7° to 18°; wind W, 0-5 m.p.h.; no snow, rivers partly open, ponds frozen. Four observers in 2 parties. Total party-hours, 16 (6 on foot, 10 by car); total party-miles, 160 (6 on foot, 154 by car). Mallard, 11; Black Duck, 189; Lesser Scaup, 3; Am. Golden-eye, 6; Am. Merganser, 7; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Bob-white, 21; Ring-necked Pheasant, 21; **Red-bellied Woodpecker, 1**; Hairy Woodpecker, 5; Downy Woodpecker, 15; **Horned Lark, 31**; Blue Jay, 22; Am. Crow, **2051**; Black-capped Chickadee, 48; Tufted Titmouse, 15; White-breasted Nuthatch, 16; Brown Creeper, 2; **Carolina Wren, 1**; **Mockingbird, 1**; Gray Shrike, 2; Common Starling, 159; House Sparrow, 802; Cardinal, 27; **Eastern Towhee, 1**; Slate-colored Junco, 65; Am. Tree Sparrow, 99; Song Sparrow, 2. **Total,** 31 species; about 3629 individuals. (Seen in area count period: Herring Gull, **Oregon Junco.**)—R. E. Grefe, E. E. Kenaga (compiler), B. R. Winchell, M. A. Wolf.

287. Mount Clemens, Mich. (same area surrounding Anchor Bay, Lake St. Clair, as in previous years; open farmland 20%, roadside borders 33%, second-growth deciduous woodlands 15%, cattail marshes 7%, farm buildings 3%, towns and suburbs 7%, open water 15%).—Dec. 29; 8 a.m. to 4:30 p.m. Mostly cloudy; temp. 13° to 25°; wind NNW, 9 m.p.h.; ground bare, open water prevalent in most areas. Twenty-two observers in 7 parties. Total party-hours, 55 (12 on foot, 43 by car); total party-miles, 373 (20 on foot, 353 by car). Whistling Swan, 13; Black Duck, 14; Redhead, 68; Canvas-back, 2781; scaup (sp.), 741; Am. Golden-eye, 79; Buffle-head, 7; Hooded Merganser, 3; Am. Merganser, 369; Red-breasted Merganser, 50; Red-tailed Hawk, 11; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 23; Bob-white, 58; Ring-necked Pheasant, 63; Killdeer, 1; Herring Gull, 75; Ring-billed Gull, 467; Bonaparte's Gull, 65; Mourning Dove, 21; Barn Owl, 4; Screech Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 4; Red-headed Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 12; Horned Lark, 4; Blue Jay, 21; Am. Crow, 330; Black-capped Chickadee, 12; Tufted Tit-

mouse, 5; White-breasted Nuthatch, 7; Brown Creeper, 8; Am. Robin, 6; Gray Shrike, 2; Common Starling, 478; House Sparrow, 711; **Brewer's Blackbird, 2** (carefully identified—4 observers); Brown-headed Cowbird, 1; Cardinal, 50; Am. Goldfinch, 41; Slate-colored Junco, 152; Am. Tree Sparrow, 723; Swamp Sparrow, 3; Song Sparrow, 11; Snow Bunting, 42. **Total,** 49 species; about 7550 individuals.—Don Burns, Bertha Daubendiek, Evelyn Freund, Maureen Ireland, Mrs. Elmer Jasper, Bette Johnston, Mr. and Mrs. Cass Kierblewski, John Klaus, Douglas Middleton, Harold Mundt, Bernard Nerzwicki, Sharon Nerzwicki, Henry Parkinson, Howard Rasmussen, Clyde Saum, Mrs. L. G. Senghas (compiler), Jim Shaw, Jane Slenzak, Bob Stair, Elton Stilwell, John F. Thompson, Henry Trombley (Macomb Nature Association).

288. Mount Pleasant, Mich. (same area as in 1955; town suburbs 5%, upland deciduous forest 5%, upland coniferous forest 3%, bottomland deciduous forest 30%, bottomland coniferous forest 6%, plowed field 20%, pasture 20%, lakes and millponds 10%, cattail marsh 1%).—Dec. 30; 8:30 a.m. to 5 p.m. Clear; temp. 15° to 25°; wind NW, 0-5 m.p.h.; little snow on ground, lakes frozen, rivers open. Twelve observers in 3 parties. Total party-hours, 24 (12 on foot, 12 by car); total party-miles, 150 (20 on foot, 130 by car). Mallard, 299; Black Duck, 21; Am. Golden-eye, 8; Am. Merganser, 16; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 1; Ruffed Grouse, 4; Ring-necked Pheasant, 21; Mourning Dove, 3; Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 4; Hairy Woodpecker, 5; Downy Woodpecker, 19; Blue Jay, 40; Am. Crow, 17; Black-capped Chickadee, 86; Tufted Titmouse, 13; White-breasted Nuthatch, 23; Brown Creeper, 5; Winter Wren, 2; Carolina Wren, 1; Am. Robin, 4; Golden-crowned Kinglet, 10; Gray Shrike, 3; Common Starling, 340; Myrtle Warbler, 1; House Sparrow, 645; Red-winged Blackbird, 1; Cardinal, 37; Am. Goldfinch, 121; Slate-colored Junco, 91; Am. Tree Sparrow, 242; Song Sparrow, 5. **Total,** 36 species; about 2095 individuals.—Mabel Cuthbert, Nicholas Cuthbert (compiler), Donald J. Davis, Blanche Gover, Harry Gover, Irene Jorae, Henrietta Kaminske, Hudson Keenan, Arnold Koch, Florence Maxwell, Margaret Millar, David Sauve (Chippewa Valley Bird Club).

289. Muskegon, Mich. (7-mile radius centering on County Court House, including Muskegon Dunes State Park, shore of Muskegon Lake to Pere Marquette Park, Lake Michigan; lake shore and wooded dunes 60%, residential 20%, rural 10%, industrial 10%).—Dec. 30; 9 a.m. to 6 p.m. Cloudy, snow flurries; temp. 17° to 29°; wind S to SSW, 6-26 m.p.h.; lake water open, 1-in. snow. Eleven observers in 1 party. Total party-hours, 9 (8 on foot, 1 by car); total party-miles, 25 (5 on foot, 20 by car). Whistling Swan, 1; Mallard, 164; Black Duck, 500; Gadwall, 75; Am. Widgeon, 6; Redhead, 200; Ring-necked Duck, 40; Canvas-back, 400; scaup (sp.), 2000; Am. Golden-eye, 2000; Buffle-head, 2; Old-squaw, 20; Am. Merganser, 75; Sharp-shinned Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 3; Am. Coot, 80; Killdeer, 1; Herring Gull, 400; Ring-billed Gull, 50; Bonaparte's Gull, 55; Snowy Owl, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 7; Black-capped Chickadee, 15; Tufted Titmouse, 12; White-breasted Nuthatch, 6; Brown Creeper, 4; Golden-crowned Kinglet, 8; Gray Shrike, 1; Common Starling, 37; House Sparrow, 61; Cardinal, 8; Am. Goldfinch, 12; Slate-colored Junco, 10; Am. Tree Sparrow, 6; Song Sparrow, 2. **Total,** 39 species; about 6270 individuals.—Almeda Boulton, Robert Cornell, Margaret Drake Elliott (compiler), Paul A. Elliott, Floyd Kuehnl, George and Fred Plescher, August, Gilbert and Mildred Twiest, George M. Wickstrom.

290. Northville, Mich. (7½-mile radius centering on junction of Twelve Mile Rd. and Hass Rd.; park and public institution grounds 40%, open fields 20%, woods and marsh 40%).—Dec. 29; 8 a.m. to 5 p.m. Cloudy, snow flurries; temp. 25° to 30°; wind SW, 5 m.p.h.; streams open, lakes partly open. Eleven observers in 2 parties. Total party-hours, 10 (6 on foot, 4 by car); total party-miles, 29 (4 on foot, 25 by car). Canada Goose, 250; Mallard, 200; Black Duck, 500; Am. Widgeon, 3; Pintail, 2; Am. Golden-eye, 15; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 1; Bob-white, 10; Ring-necked Pheasant, 7; Ring-billed Gull, 1; Mourning Dove, 5; Screech Owl, 1; Yellow-shafted Flicker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 6; Blue Jay, 25; Am. Crow, 1; Black-capped Chickadee, 20; Tufted Titmouse, 13; White-breasted Nuthatch, 8; Brown Creeper, 2; Golden-crowned Kinglet, 2; Cedar Waxwing, 3; Gray Shrike, 1; Common Starling, 10; House Sparrow, 57; Eastern Meadowlark, 6; Cardinal, 19; **Purple Finch, 10**; Am. Goldfinch, 12; Slate-colored Junco, 35; Am. Tree Sparrow, 43; Song Sparrow, 3. **Total,** 35 species; about 1282 individuals. (Seen in area census period: Belted Kingfisher.)—Mrs. John Begle, Lucy Byard, Mark Byard, Betsy Eichstedt, Mrs. Dorothy Frid, Mrs. Catherine Hartley, Harold D. Hartley, Harold S. Hartley (compiler), William Hopkins, Richard Root, John Willoughby.

291. Otsego, Mich. (15-mile diameter from Otsego northeast to Martin, northwest to Hopkins, southwest to Mill Grove, southeast to Allegan County line; open farmland 20%, deciduous woodlots 49%, bottomland and river 20%, marsh and stream 10%, village 1%).—Dec. 30; 8 a.m. to 5:40 p.m. Mostly cloudy, snow flurries; temp. 26° to 32°; wind variable, 0-10 m.p.h.; light snow, river open, reservoirs partly frozen. Two observers in 1 party. Total party-hours, 9 (7 on foot, 2 by car); total party-miles, 44 (7 on foot, 37 by car). Canada Goose, 43; Mallard, 126; Black Duck, 155; Gadwall, 11; Redhead, 1; Lesser Scaup, 5; Am. Golden-eye, 383; Buffle-head, 5; Ruddy Duck, 1; Am. Merganser, 5; Cooper's Hawk, 2; Red-tailed Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 2; Herring Gull, 8; Ring-billed Gull, 6; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 5; Hairy Wood-

pecker, 3; Downy Woodpecker, 8; Blue Jay, 9; Am. Crow, 12; Black-capped Chickadee, 7; Tufted Titmouse, 12; White-breasted Nuthatch, 4; Brown Creeper, 1; Winter Wren, 3; **Catbird, 1** (seen well by both observers); Golden-crowned Kinglet, 6; Cedar Waxwing, 1; Gray Shrike, 1; Common Starling, 20; House Sparrow, 114; Cardinal, 58; Purple Finch, 1; Am. Goldfinch, 8; Slate-colored Junco, 62; Am. Tree Sparrow, 49; Song Sparrow, 2. **Total,** 40 species; about 1149 individuals. [Very neat, carefully prepared report—Ed.]—Max Adler, Ted Van Velzen (compiler).

292. **Owosso, Mich.** (same area as in 1951).—Dec. 27; 7:30 a.m. to 5:30 p.m. Overcast, now brighter, darker; temp. 32° to 39°; wind W; 0-5 m.p.h.; thawing film of snow, river open. One observer. Total hours, 10 (8 on foot, 2 by car); total miles, 55 (8 on foot, 47 by car). Red-tailed Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 10; Ring-necked Pheasant, 3; Herring Gull, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 6; Horned Lark, 11; Blue Jay, 18; Am. Crow, 9; Black-capped Chickadee, 7; Tufted Titmouse, 10; White-breasted Nuthatch, 10; Brown Creeper, 3; Golden-crowned Kinglet, 9; Common Starling, 46; House Sparrow, 78; Cardinal, 8; Am. Goldfinch, 6; Slate-colored Junco, 11; Am. Tree Sparrow, 40; Song Sparrow, 16. **Total,** 27 species; about 313 individuals. (Am. Golden-eye, Mourning Dove, Gray Shrike, **White-throated Sparrow** seen count period.)—Bruce V. Wilson.

293. **Bloomington, Ind.** (same area as 1953; upland deciduous forest 10%, coniferous forest 14%, bottomland deciduous forest 7%, bottomland grassy and crop field 15%, upland grassy and crop field 8%, bottomland brushy field 24%, lake shore 15%, urban wooded campus 7%).—Dec. 27; 4:15 a.m. to 5:30 p.m. Partly cloudy to cloudy; temp. 36° to 47°; wind WSW, 11-16 m.p.h.; water open, ground uncovered. Five observers in 2 parties, separating into groups of 1 to 3 for short periods. Total party-hours, 34 (22 on foot, 12 by car); total party-miles, 222 (27 on foot, 195 by car). Common Loon, 2; Pied-billed Grebe, 5; Canada Goose, 30; Mallard, 1979; Black Duck, 200; Ring-necked Duck, 2; Lesser Scaup, 1; Am. Golden-eye, 4; Buffle-head, 1; Ruddy Duck, 5; Am. Merganser, 21; Red-breasted Merganser, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 3; Marsh Hawk, 2; Sparrow Hawk, 4; Bob-white, 35; Am. Coot, 12; Killdeer, 19; Wilson's Snipe, 1; Ring-billed Gull, 2; Mourning Dove, 32; Screech Owl, 1; Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 10; Pileated Woodpecker, 9; Red-bellied Woodpecker, 21; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 41; Horned Lark, 25; Blue Jay, 65; Am. Crow, 21; Carolina Chickadee, 95; Tufted Titmouse, 57; White-breasted Nuthatch, 20; Winter Wren, 3; Carolina Wren, 21; Mockingbird, 3; Am. Robin, 38; Hermit Thrush, 1; Eastern Bluebird, 27; Golden-crowned Kinglet, 8; Common Starling, 290; House Sparrow, 255; Eastern Meadowlark, 44; Red-winged Blackbird, 1; Purple Grackle, 7; Cardinal, 96; Purple Finch, 7; Am. Goldfinch, 157; Eastern Towhee, 11; Slate-colored Junco, 569; Am. Tree Sparrow, 395; Field Sparrow, 42; White-throated Sparrow, 2; Swamp Sparrow, 46; Song Sparrow, 55. **Total,** 61 species; about 4821 individuals. (Seen in area census period: Horned Grebe, Cooper's Hawk, Rough-legged Hawk, Ruby-crowned Kinglet.) [Exceptionally neat, carefully prepared report—Ed.]—Duane Carmony, Sears Crowell, David G. Frey, Val Nolan, Jr. (compiler), Jon Rickert.

294. **Greencastle, Ind.** (15-mile diameter circle, center just west of Greencastle; woods, fields, pastures, farmland, creekbottom, small pond).—Dec. 29; 8:30 a.m. to 4:30 p.m. Clear a.m., overcast, light snow flurries p.m.; temp. 20° to 30°; wind NW, 5-10 m.p.h. Two observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 20 (6 on foot, 14 by car). Mallard, 1; Am. Golden-eye, 4; Buffle-head, 1; Peregrine Falcon, 1; Bob-white, 20; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 5; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 3; Am. Crow, 6; Carolina Chickadee, 29; Tufted Titmouse, 11; White-breasted Nuthatch, 1; Carolina Wren, 12; Eastern Bluebird, 10; Common Starling, 11; House Sparrow, 23; Eastern Meadowlark, 1; Cardinal, 39; Purple Finch, 4; Am. Goldfinch, 20; Eastern Towhee, 4; Slate-colored Junco, 44; Am. Tree Sparrow, 11; Song Sparrow, 8. **Total,** 26 species; about 278 individuals. (Seen count period: Horned Lark.)—Francis T. Worrell (compiler), Ruthanna W. Worrell.

295. **Indianapolis, Ind.** (Geist Reservoir on east, Washington St. on south, Holliday Park on west, Westfield on north; lake front and lake 35%, cultivated fields 40%, urban 3%, woods 15%, suburbs 7%).— Dec. 22; 7:30 a.m. to 4:30 p.m. Cloudy, clearing by 1 p.m.; temp. 48° to 55°; wind S, 8 m.p.h. Fifteen observers in 7 parties. Total party-hours, 59 (34 on foot, 25 by car); total party-miles, 158 (25 on foot, 133 by car). Horned Grebe, 1; Pied-billed Grebe, 3; Great Blue Heron, 3; Black-crowned Night Heron, 18; Canada Goose, 1140; Blue Goose, 2; Mallard, 1780; Black Duck, 1805; Gadwall, 6; Am. Widgeon, 5; Pintail, 2; **Green-winged Teal, 1**; Wood Duck, 2; Lesser Scaup, 3; Am. Golden-eye, 5; Hooded Merganser, 10; Am. Merganser, 12; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 3; Rough-legged Hawk, 2; Marsh Hawk, 3; Sparrow Hawk, 20; Bob-white, 15; Ring-necked Pheasant, 1; Am. Coot, 2; Killdeer, 1; Ring-billed Gull, 10; Mourning Dove, 307; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 26; Red-bellied Woodpecker, 6; Hairy Woodpecker, 7; Downy Woodpecker, 68; Blue Jay, 52; Am. Crow, 152; Carolina Chickadee, 51; Tufted Titmouse, 56; White-breasted Nuthatch, 13; Brown Creeper, 6; Carolina Wren, 20; Mockingbird, 8; Am. Robin, 5; Eastern Bluebird, 16; **Golden-crowned Kinglet, 5**; Cedar Waxwing, 1; Common Starling, 929; Myrtle Warbler, 2; House Sparrow,

621; Eastern Meadowlark, 62; **Red-winged Blackbird, 1**; Brown-headed Cowbird, 6; Cardinal, 162; Purple Finch, 5; Pine Siskin, 3; Am. Goldfinch, 33; Eastern Towhee, 3; Savannah Sparrow, 4; Vesper Sparrow, 2; Slate-colored Junco, 315; Am. Tree Sparrow, 41; Field Sparrow, 7; White-crowned Sparrow, 3; Song Sparrow, 61. **Total,** 66 species; about 7931 individuals. (Seen count period: Pileated Woodpecker, Yellow-bellied Sapsucker, Brown Thrasher.)—Bro. Donald Becker, Mildred Campbell, Bro. Thomas Chady, Bruce Fall, Mrs. Joel Hadley, Joel Hadley, Helen Hendricks, Charles Marks, Jeannie Moore, Tom Parker, Mary M. Riddle (compiler), John M. Satter, Henry West, Dorothy White, Howard Wright (Amos W. Butler Audubon Society).

296. Jasper–Pulaski State Game Preserve, Ind. (same area as 1955).—Dec. 22; 7:15 a.m. to 4:45 p.m. Overcast, partly foggy; temp. 34° to 42°; wind SW to W, 0-10 m.p.h.; ground bare, water open; 5000 of preserve's 7200 acres burned over in Oct. brush fires. Three observers in 1 party. Total party-hours, 9 (7 on foot, 2 by car); total party-miles, 29 (8 on foot, 21 by car). Great Blue Heron, 1; Canada Goose, **2500**; Mallard, **3500**; Black Duck, 12; Pintail, 13; Green-winged Teal, 9; Am. Golden-eye, 2; Buffle-head, 4; accipiter (sp.), 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Bald Eagle, 1; Ring-necked Pheasant, 21; Ring-billed Gull, 2; Barred Owl, 1; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 10; Horned Lark, 4; Blue Jay, 31; Am. Crow, 46; Black-capped Chickadee, 24; Tufted Titmouse, 8; White-breasted Nuthatch, 7; Golden-crowned Kinglet, 9; House Sparrow, 52; Red-winged Blackbird, 56; Cardinal, 37; Am. Goldfinch, 66; Slate-colored Junco, 250; Am. Tree Sparrow, 695; Swamp Sparrow, 1; Song Sparrow, 7. **Total,** 34 species; about 7382 individuals.—Paul Davis, Nora Grow, Raymond Grow (compiler).

297. Lafayette, Ind. (same area as previous 10 years; riverbottom 23%, creekbottom 42%, deciduous woods 6%, evergreen woods 3%, low woods and brush 14%, fields 10%, marsh 2%).—Dec. 31; 5:15 a.m. to 5:15 p.m. Mostly clear; temp. 32° to 38°; wind WNW, 15-20 m.p.h.; much snow left, streams open, ponds frozen. Twenty-two observers in 9 parties. Total party-hours, 59 (52 on foot, 7 by car); total party-miles, 164 (59 on foot, 105 by car). Great Blue Heron, 1; Canada Goose, 10; Mallard, 47; Black Duck, 1; Wood Duck, 2; Am. Golden-eye, 19; Am. Merganser, 9; Cooper's Hawk, 1; Red-tailed Hawk, 19; Red-shouldered Hawk, 3; **Broad-winged Hawk, 1** (Crains); Rough-legged Hawk, 2; Marsh Hawk, 14; Sparrow Hawk, 11; Bob-white, 25; Ring-necked Pheasant, 7; Killdeer, 11; Wilson's Snipe, 8; Herring Gull, 12; Mourning Dove, 501; Screech Owl, 2; Horned Owl, 9; Long-eared Owl, 4; Belted Kingfisher, 18; Yellow-shafted Flicker, 25; Red-bellied Woodpecker, 79; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 17; Downy Woodpecker, 177; Horned Lark, 46; Blue Jay, 94; Am. Crow, 1254; Carolina Chickadee, 106; Tufted Titmouse, 275; White-breasted Nuthatch, 64; Brown Creeper, 34; Winter Wren, 4; Carolina Wren, **76**; Mockingbird, 1; Am. Robin, 1; Golden-crowned Kinglet, 27; Ruby-crowned Kinglet, 7; Cedar Waxwing, 5; **Loggerhead Shrike, 1**; Common Starling, 6750; Myrtle Warbler, 4; House Sparrow, 5100; Eastern Meadowlark, 28; Rusty Blackbird, 10; Purple Grackle, 28; Brown-headed Cowbird, **125**; Cardinal, 169; Purple Finch, 3; Am. Goldfinch, 51; Eastern Towhee, 6; Slate-colored Junco, 535; Am. Tree Sparrow, 800; Field Sparrow, 6; **White-crowned Sparrow, 4**; **White-throated Sparrow, 1**; Fox Sparrow, 1; Swamp Sparrow, 15; Song Sparrow, 153. **Total,** 64 species; about 16,822 individuals. (Seen in area count period: Red-winged Blackbird, Lapland Longspur.)—William Barmore, Irving Burr (compiler), Peter Burr, Carl Campbell, Leland Chandler, Thomas Chell, Armyn and Karleton Crain, Mr. and Mrs. S. S. Cromer, Hubert Davis, Marvin DeJonge, Harold Dick, Charles Kirkpatrick, E. R. Martell, Howard Michaud, Richard Phillips, Aubrey and Doris Smith, Anne, Margaret, Merritt Webster.

298. Mary Gray Bird Sanctuary, Ind. (same area as last year; deciduous woodland 50%, fields planted in pines 25%, cultivated fields 25%).—Dec. 30; 7:30 a.m. to 5:30 p.m. Clear; temp. 30° to 35°; wind 5-10 m.p.h. Three observers in 1-2 parties. Total party-hours, 10; total party-miles, 8 (all on foot). Marsh Hawk, 1; **Saw-whet Owl, 1**; Yellow-shafted Flicker, 7; Red-bellied Woodpecker, 7; Hairy Woodpecker, 1; Downy Woodpecker, 9; Blue Jay, 5; Am. Crow, 11; Carolina Chickadee, 10; Tufted Titmouse, 15; White-breasted Nuthatch, 6; Carolina Wren, 6; Mockingbird, 1; Eastern Bluebird, 2; Golden-crowned Kinglet, 2; Myrtle Warbler, 1; House Sparrow, 50; **Rusty Blackbird, 2**; Cardinal, 18; Am. Goldfinch, 20; Eastern Towhee, 2; Slate-colored Junco, 25; Am. Tree Sparrow, 20; White-crowned Sparrow, 1; Song Sparrow, 11. **Total,** 25 species; about 234 individuals. (Seen count period: Barred Owl, Eastern Phoebe, Brown Creeper.)—Edna Banta (compiler), Paulmer Keller, Fred Miller.

299. Michigan City, Ind. (same area as 1955).—Dec. 23; 6:30 a.m. to 4:30 p.m. Overcast, rain after 10 a.m.; temp. 40° to 45°; wind E, 6 m.p.h.; ground bare, water open. Nine observers in 4 parties. Total party-hours, 18 (6 on foot, 12 by car); total party-miles, 87 (10 on foot, 77 by car). Horned Grebe, **95**; **Eared Grebe, 1** (up to 7 present since Dec. 1); **Western Grebe, 1** (in flock of Horned Grebes, carefully identified—Clark party); Pied-billed Grebe, 1; Double-crested Cormorant, 1; Great Blue Heron, 1; Mallard, 14; Black Duck, 16; Redhead, 2; Greater Scaup, 3; Lesser Scaup, 1; Am. Golden-eye, 338; Buffle-head, 220; Old-squaw, 2046; Surf Scoter, 1; Hooded Merganser, 1; Am. Merganser, 18; Red-breasted Merganser, 5; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 2; Killdeer, 2; Herring Gull, 3400; Ring-billed Gull, 275; Bonaparte's Gull, 685; **Little Gull, 1** (adult in winter plumage); Mourning Dove, 30; Horned Owl, 1; Belted Kingfisher, 2; Red-bellied Woodpecker, 1; Hairy Wood-

pecker, 5; Downy Woodpecker, 15; Horned Lark, 2; Blue Jay, 49; Am. Crow, 231; Black-capped Chickadee, 8; Tufted Titmouse, 19; White-breasted Nuthatch, 6; Carolina Wren, 1; Brown Thrasher, 3; Golden-crowned Kinglet, 1; Gray Shrike, **4** (carefully identified); Common Starling, 58; Myrtle Warbler, 4; House Sparrow, 232; Red-winged Blackbird, 36; Cardinal, 47; Purple Finch, 5; Am. Goldfinch, 36; Eastern Towhee, 2; Slate-colored Junco, 153; Am. Tree Sparrow, 162; Field Sparrow, 1; White-crowned Sparrow, 4; Song Sparrow, 21; Lapland Longspur, 3; Snow Bunting, 2. **Total,** 57 species; about 8277 individuals. (Seen count period: **King Eider,** a second Little Gull.) [Careful details submitted for all unusual observations—Ed.]—Laurie Binford, Charles Clark, Paul Davis, Nora Grow, Raymond Grow (compiler), James Landing, Virginia Reuter-skiold, Jean Segal, Simon Segal.

300. New Castle, Ind. (7½-mile radius centering at Indiana Ave. and 11th St.; pine grove 4%, pasture 15%, deciduous woods 30%, open fields 45%, lake 1%, city 5%).—Dec. 29; 8 a.m. to 4 p.m.; temp. 20° to 24°; wind W, 15-16 m.p.h. Nine observers in 4 parties. Total party-hours, 32 (12 on foot, 20 by car); total party-miles, 149 (36 on foot, 113 by car). Mute Swan, 6; Mallard, 412; Black Duck, 23; **Wood Duck, 1**; Lesser Scaup, 2; **Buffle-head, 1**; **Goshawk, 1** [no details—Ed.]; Red-tailed Hawk, 3; Marsh Hawk, 4; Sparrow Hawk, 1; Bob-white, 13; Ring-necked Pheasant, 2; Am. Coot, 2; Killdeer, 1; Mourning Dove, 38; Belted Kingfisher, 1; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 23; Horned Lark, **165**; Blue Jay, 5; Am. Crow, **2811**; Carolina Chickadee, 71; Tufted Titmouse, 27; White-breasted Nuthatch, 10; Brown Creeper, 1; Carolina Wren, 7; **Mockingbird, 1**; Golden-crowned Kinglet, 9; Common Starling, 272; House Sparrow, 463; Cardinal, 69; Am. Goldfinch, 2; **Vesper Sparrow, 2**; Slate-colored Junco, 141; Am. Tree Sparrow, 88; Field Sparrow, 39; Swamp Sparrow, 15; Song Sparrow, 38. **Total,** 41 species; about 4792 individuals. (Seen in area count period: Am. Widgeon, Am. Golden-eye.) —Arthur Branham, Gretchen Brennecke, Kate Clampitt, Phil Clampitt, Carl Davis, Betty Jane Gough (compiler), Mary E. Gough, Harold Meadows, Vernon Robertson (Blue River Audubon Society).

301. Northern Lake Co., Ind. (same area as 1955).—Dec. 30; 7:45 a.m. to 4:45 p.m. Clear to cloudy; temp. 18° to 26°; wind SW to W, 5-15 m.p.h.; ground with 2-6-in. snow, water frozen except Lake Michigan. Two observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 61 (5 on foot, 56 by car). **Common Loon, 1**; **Red-throated Loon,** 1 (carefully identified); Horned Grebe, 8; Pied-billed Grebe, 1; Lesser Scaup, 18; Am. Golden-eye, 52; Old-squaw, 10; Ruddy Duck, 11; Hooded Merganser, 1; Am. Merganser, 500; Red-breasted Merganser, 100; Marsh Hawk, 1; Sparrow Hawk, 1; Herring Gull, 200; Ring-billed Gull, 300; Bonaparte's Gull, 128; Mourning Dove, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Blue Jay, 11; Am. Crow, 762; Black-capped Chickadee, 1; Tufted Titmouse, 14; White-breasted Nuthatch, 1; Brown Creeper, 1; Common Starling, 210; House Sparrow, 217; Red-winged Blackbird, 77; Cardinal, 21; Purple Finch, 2; Am. Goldfinch, 25; Slate-colored Junco, 219; Am. Tree Sparrow, 838; Field Sparrow, 2; **White-crowned Sparrow, 15**; Swamp Sparrow, 4; Song Sparrow, 14. **Total,** 37 species; about 3777 individuals.—Nora Grow, Raymond Grow (compiler).

302. Richmond, Ind. (same area as last year).—Dec. 27; 8:30 a.m. to 6 p.m. Thin, broken clouds, clear by 4 p.m.; temp. 32° to 40°; wind SW, 18 m.p.h.; ground bare, water open. Six observers in 2 parties. Total party-hours, 19 (17 on foot, 2 by car); total party-miles, 105 (25 on foot, 80 by car). Mallard, 12; Cooper's Hawk, 1; Red-tailed Hawk, 3; Marsh Hawk, 3; Bob-white, 16; Killdeer, 1; Wilson's Snipe, 1; Mourning Dove, 5; Barred Owl, 5; Belted Kingfisher, 9; Yellow-shafted Flicker, 20; Pileated Woodpecker, 1; Red-bellied Woodpecker, 10; Hairy Woodpecker, 9; Downy Woodpecker, 49; Horned Lark, 67; Blue Jay, 14; Am. Crow, 58; Carolina Chickadee, 104; Tufted Titmouse, 89; White-breasted Nuthatch, 25; Brown Creeper, 7; Winter Wren, 4; Carolina Wren, 30; Mockingbird, 1; Am. Robin, 2; Hermit Thrush, 1; Eastern Bluebird, 2; Golden-crowned Kinglet, 9; Common Starling, 301; House Sparrow, 440; Eastern Meadowlark, 30; Cardinal, 107; Am. Goldfinch, 48; Eastern Towhee, 4; Slate-colored Junco, 163; Am. Tree Sparrow, 156; Field Sparrow, 11; White-crowned Sparrow, 11; White-throated Sparrow, 4; Song Sparrow, 56; **Smith's Longspur, 1**. **Total,** 42 species; about 1890 individuals.—J. B. Cope (compiler), L. B. Hunt, W. Kem, M. Snow, G. L. Ward, J. Wykoff.

303. South Bend, Ind. (same area as previous counts; deciduous woods 30%, marshland 5%, open farmland 30%, open river 20%, cedar and spruce groves 5%, park 10%).—Dec. 23; 8 a.m. to 4 p.m. Rain and mist; temp. 38° to 45°; wind SE, 10-15 m.p.h.; river, creeks and lakes open. Fifteen observers in 4 parties. Total party-hours, 32 (27 on foot, 5 by car); total party-miles, 113 (27 on foot, 86 by car). Great Blue Heron, 1; Mallard, 297; Black Duck, 1; Canvas-back, 1; Am. Golden-eye, 34; Am. Merganser, 2; Red-tailed Hawk, 4; Marsh Hawk, 1; Sparrow Hawk, 5; Bob-white, 43; Ring-necked Pheasant, 1; **Am. Woodcock, 1**; Herring Gull, 34; Mourning Dove, 6; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 25; Blue Jay, 34; Am. Crow, 134; Black-capped Chickadee, 6; Tufted Titmouse, 25; White-breasted Nuthatch, 22; Brown Creeper, 3; Hermit Thrush, 1; **Eastern Bluebird, 2**; Golden-crowned Kinglet, 4; **Ruby-crowned Kinglet, 1**; Cedar Waxwing, 1; Common Starling, 398; House Sparrow, 466; Eastern Meadowlark, 5; Cardinal, 62; Am. Goldfinch, 67; Slate-colored Junco, 253; Am. Tree Sparrow, 116; Field Sparrow, 4; Song Sparrow, 15. **Total,** 39 species; about 2083 individuals.—Violet Ackerman, Helen Dawson, Mary Ann

Gibson, R. E. Gibson, John Groet, Dale Harbaugh, Martha Hunter, Janet Kochanowski, Dorothy Meek, John Pine, Nancy Rea (compiler), Robert Rea, Scott Rea, Francis Van Huffel, George Vesey (South Bend Audubon Society).

304. Southeastern LaPorte County, Ind. (same area as last year with addition of territory east of Kankakee River; marshland 20%, open fields 40%, woods 40%).—Jan. 1; 7 a.m. to 4 p.m. Snowing a.m., clearing p.m.; temp. 10° to 18°; wind N to NW, 25 m.p.h.; ground with 3-in. snow. Nine observers in 3 parties. Total party-hours, 75 (35 on foot, 40 by car); total party-miles, 104 (36 on foot, 68 by car). Mallard, **3500**; Black Duck, 10; Red-tailed Hawk, 3; Rough-legged Hawk, 5; Marsh Hawk, 4; Sparrow Hawk, 1; Ring-necked Pheasant, 6; Ring-billed Gull, 1; Mourning Dove, 90; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Downy Woodpecker, 16; Horned Lark, 154 (16 Northern); Blue Jay, 34; Am. Crow, 98; Tufted Titmouse, 29; White-breasted Nuthatch, 8; Brown Creeper, 3; Golden-crowned Kinglet, 4; Common Starling, 78; House Sparrow, 510; Eastern Meadowlark, 1; Brown-headed Cowbird, 3; Cardinal, 41; Am. Goldfinch, 11; Slate-colored Junco, 710; Am. Tree Sparrow, 290; Song Sparrow, 18; **Lapland Longspur, 22. Total,** 29 species (1 additional subspecies); about 5652 individuals.—Violet Ackerman, Dorthy Buck (compiler), John P. Buck, John Groet, Janet Kochanowski, Nancy Rea, Robert V. Rea, Scott Rea, George Vesey.

305. Southern Lake County, Ind. (7½-mile radius circle centered in NE quarter of section 20, Cedar Creek Township; farmland 70%, woods 25%, water 3%, presently dry cattail marsh 2%).—Dec. 29; 7 a.m. to 5 p.m. Clear to partly cloudy; temp. 16° to 26°; wind NW, 8-12 m.p.h.; 4-in. fresh snow, small ponds frozen, lakes 80% frozen, Kankakee River open. Nine observers in 3 parties. Total party-hours, 20 (8 on foot, 12 by car); total party-miles, 96 (11 on foot, 85 by car). Pied-billed Grebe, 1; Am. Merganser, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 6; Marsh Hawk, 3; Sparrow Hawk, 1; Ring-necked Pheasant, 1; Herring Gull, 20; Ring-billed Gull, 40; Mourning Dove, 165; Horned Owl, 1; Barred Owl, 1; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 16; Horned Lark, 235; Blue Jay, 42; Am. Crow, 127; Black-capped Chickadee, 3; Tufted Titmouse, 11; White-breasted Nuthatch, 7; Am. Robin, 1; Golden-crowned Kinglet, 2; Common Starling, 110; House Sparrow, 620; Rusty Blackbird, 12; Brown-headed Cowbird, 1; Cardinal, 42; Purple Finch, 6; Am. Goldfinch, 88; Slate-colored Junco, 108; Am. Tree Sparrow, 141; Swamp Sparrow, 2; Song Sparrow, 9. **Total,** 35 species; about 1834 individuals.—Tom Litts, Mary Louis, John M. Louis, Madge Lynch, Philip R. Sigler (compiler), Mrs. Earl Tanner, Charlotte Verplank, A. J. Verplank, Walter Wohlgemuth.

306. Willow Slough State Game Preserve, Ind. (same area as 1955).—Dec. 29; 6:45 a.m. to 4:45 p.m. Clear to partly cloudy; temp. 21° to 30°; wind W, 12-18 m.p.h.; ground with 2-6-in. snow, water 90% open. Two observers in 1 party. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 48 (9 on foot, 39 by car). Canada Goose, 600; Mallard, 200,000; Black Duck, 5000; Am. Widgeon, 1; Pintail, 13; Green-winged Teal, 2; Am. Golden-eye, 1; Am. Merganser, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 9; Sparrow Hawk, 1; Greater Prairie Chicken, 5; Bob-white, 24; Ring-necked Pheasant, 32; Mourning Dove, 39; Short-eared Owl, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 7; Horned Lark, 58; Blue Jay, 46; Am. Crow, 60; Black-capped Chickadee, 8; Tufted Titmouse, 10; Am. Robin, 1; Common Starling, 125; House Sparrow, 300; Eastern Meadowlark, 1; Red-winged Blackbird, 43; Cardinal, 52; Am. Goldfinch, 103; Slate-colored Junco, 539; Am. Tree Sparrow, 1160; Swamp Sparrow, 15; Song Sparrow, 14; Lapland Longspur, 3. **Total,** 40 species; about 208,289 individuals.—Ted Chandik, Raymond Grow (compiler).

307. Bird Haven Sanctuary, Ill. (7½-mile radius in Richland County centering on Bird Haven).—Dec. 27; 7 a.m. to 5 p.m.; temp. 33° to 40°; wind NE, 10 m.p.h.; water open. Twenty-six observers in 4 parties. Total party-hours, 32 (8 on foot, 24 by car); total party-miles, 275 (13 on foot, 262 by car). Canada Goose, 25; Mallard, 2; Gadwall, 2; Cooper's Hawk, 6; Red-tailed Hawk, 33; Red-shouldered Hawk, 10; Rough-legged Hawk, 3; Marsh Hawk, 18; Sparrow Hawk, 48; Bob-white, 21; Ring-necked Pheasant, 1; Mourning Dove, 301; Barred Owl, 4; Yellow-shafted Flicker, 57; Red-bellied Woodpecker, 28; Red-headed Woodpecker, 58; Hairy Woodpecker, 4; Downy Woodpecker, 39; Horned Lark, 42; Blue Jay, 259; Am. Crow, 146; Carolina Chickadee, 63; Tufted Titmouse, 33; White-breasted Nuthatch, 3; Carolina Wren, 21; Mockingbird, 45; Am. Robin, 1; Eastern Bluebird, 46; Golden-crowned Kinglet, 8; Loggerhead Shrike, 13; Common Starling, 744; House Sparrow, 1322; Eastern Meadowlark, 337; Purple Grackle, 3; Cardinal, 299; Purple Finch, 16; Am. Goldfinch, 67; Eastern Towhee, 6; Slate-colored Junco, 667; Am. Tree Sparrow, 238; Field Sparrow, 64; White-crowned Sparrow, 61; **White-throated Sparrow, 17; Fox Sparrow,** 1; Swamp Sparrow, 4; Song Sparrow, 20. **Total,** 46 species; about 5206 individuals. (Killdeer, Belted Kingfisher, Savannah Sparrow seen count week.)—Mr. and Mrs. Arnold Anderson, Mr. and Mrs. William Bridges, Ann Bridges, Roy Lathrop Mrs. William Redman, Mrs. Vera Scherer Shaw (compiler), Mr. and Mrs. Chester Scherer.

308. Bushnell, Ill. (same area as last year).—Dec. 30; 7:30 a.m. to 4:30 p.m. Overcast a.m., clear p.m.; temp. 30° to 42°; wind SSE to SW, 20-25 m.p.h.; trace of snow on ground melted by noon, most water open. Three observers in 1 party. Total party-hours, 9 (4 on foot, 5 by car); total party-miles,

80 (6 on foot, 74 by car). Red-tailed Hawk, 10; Marsh Hawk, 2; Sparrow Hawk, 4; Bob-white, 21; Mourning Dove, 110; Yellow-shafted Flicker, 11; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 5; Horned Lark, 49; Blue Jay, 17; Am. Crow, 108; Black-capped Chickadee, 42; Tufted Titmouse, 12; White-breasted Nuthatch, 7; Carolina Wren, 1; Mockingbird, 3; Common Starling, 285; House Sparrow, 694; Eastern Meadowlark, 9; Cardinal, 33; Am. Goldfinch, 10; Vesper Sparrow, 2; Slate-colored Junco, 22; Am. Tree Sparrow, 214; White-crowned Sparrow, 16; Song Sparrow, 15. **Total,** 28 species; about 1714 individuals. (Seen count week: Golden-crowned Kinglet, Loggerhead Shrike, Purple Grackle, White-throated Sparrow.)—Larry L. Hood (compiler), Doris R. Scholes, John H. Scholes.

309. Channahan, Ill. (riverside-roadside census south from Channahan to Morris in Grundy County and back as last year; most observations made from car using 20X and 40X telescopes. River edge 60%, deciduous farm woodlots 15%, plowed fields and pasture 20%, cattail marsh 5%).—Dec. 29; 8:45 a.m. to 5 p.m. Clear a.m., partly cloudy p.m.; temp. 20° to 25°; wind NW, 8-10 m.p.h.; 2-in. fresh snow on ground, most waters open. Two observers in 1 party. Total party-hours, 8 (2 on foot, 6 by car); total party-miles, 52 (2 on foot, 50 by car). Great Blue Heron, 3; Black-crowned Night Heron, 1; Canada Goose, 24; Mallard, 670; Black Duck, 227; Pintail, 4; Canvas-back, 1; Lesser Scaup, 13; Am. Golden-eye, 18; Ruddy Duck, 17; Am. Merganser, 7; Red-breasted Merganser, 2; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 1; Ring-necked Pheasant, 10; Am. Coot, 13; Herring Gull, 49; Ring-billed Gull, 19; Mourning Dove, 54; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 4; Hairy Woodpecker, 5; Downy Woodpecker, 12; Horned Lark, 70 (1 Northern); Blue Jay, 1; Am. Crow, 57; Black-capped Chickadee, 3; Tufted Titmouse, 2; Winter Wren, 1; Golden-crowned Kinglet, 1; Common Starling, 29; House Sparrow, 60+; Eastern Meadowlark, 23; Rusty Blackbird, 1; Brown-headed Cowbird, 4; Cardinal, 13; Pine Siskin, 3; Am. Goldfinch, 1; Slate-colored Junco, 16; Am. Tree Sparrow, 124; Song Sparrow, 5. **Total,** 45 species (1 additional subspecies); about 1578 individuals. (Seen count period: Rough-legged Hawk, Yellow-bellied Sapsucker, White-breasted Nuthatch, Carolina Wren, Loggerhead Shrike, Lapland Longspur.)—Karl E. Bartel (compiler), Margaret Lehmann.

310. Chicago, Ill. (15-mile diameter circle centering at Touhy and Lincoln Aves., Lincolnwood, including lakefront, Forest Preserve District, Graceland, Rosehill, and Memorial Park Cemeteries; city streets 4%, lakefronts and harbors 32%, golf courses 3%, river woods 23%, rivers and canals 2%, open fields 24%, cemeteries 8%, clay and gravel pits 2%, city parks 2%).—Dec. 29; 7 a.m. to 4 p.m. Clear a.m. cloudy p.m.; temp. 19° to 26°; wind NW, 5-15 m.p.h.; lake and harbors open, rivers and canals partly open, light snow cover. Twenty-nine observers in 6 parties. Total party-hours, 48 (44 on foot, 4 by car); total party-miles, 124 (42 on foot, 82 by car). Pied-billed Grebe, 1; **Black-crowned Night Heron, 3**; Mallard, 53; Black Duck, 3; Pintail, 1; Canvas-back, 1; Greater Scaup, 16; Lesser Scaup, 800; scaup (sp.), 1500; Am. Golden-eye, 419; **Barrow's Golden-eye, 1** (also studied preceding day); Buffle-head, 4; Old-squaw, 346; White-winged Scoter, 4; Ruddy Duck, 6; Hooded Merganser, 1; Am. Merganser, 213; Red-breasted Merganser, 686; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 11; Ring-necked Pheasant, 156; Am. Coot, 1; Herring Gull, 377; Ring-billed Gull, 188; Bonaparte's Gull, 11; Mourning Dove, 3; Long-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 16; Downy Woodpecker, 21; Am. Crow, 302; Black-capped Chickadee, 107; White-breasted Nuthatch, 21; Brown Creeper, 1; Winter Wren, 1; Am. Robin, 2; Golden-crowned Kinglet, 1; Gray Shrike, 1; Common Starling, 791; House Sparrow, 146; Eastern Meadowlark, 10; Red-winged Blackbird, 8; Cardinal, 82; Am. Goldfinch, 92; **Vesper Sparrow, 3**; Slate-colored Junco, 259; Am. Tree Sparrow, 91; **Lincoln's Sparrow, 1** (carefully identified—J.W., V.B., M.H.); **Swamp Sparrow, 1**; Song Sparrow, 21. **Total,** 54 species; about 6796 individuals. (Seen count period: Blue Jay.)—Anne Anglemire, Kenneth Anglemire, Ormsby Annan, Laurie Binford, Van Bradley, Mrs. Catherine Campbell, Betty Jean Derengowski, Mrs. W. G. DuMont, Dorothy Ericson, Herman Frauen, Mr. and Mrs. J. H. Helmer, Mrs. Walter Huxford, Harry Kirshenbaum, Richard Macomber, Mr. and Mrs. Russel Mannette, Mr. and Mrs. Cyrus Mark, Helen McMillen, E. I. Stearns, Phil Steffen, Brother I. Theodore, Brother I. Vincent, (compiler), Mrs. Waller, James R. Ware, Mrs. James R. Ware, F. C. Whitehead, Ann Wilm (Evanston Bird Club).

311. Crab Orchard Wildlife Refuge, Ill. (15-mile diameter circle centered at refuge office, covering Grassy Lake, Devil's Kitchen Lake, Crab Orchard Refuge, nearby airport; open fields 20%, lake shore 30%, swamp woodland 15%, upland 30%, pine 5%).—Dec. 27; 6 a.m. to 3:30 p.m. Clear; temp. 41° to 61°; wind WSW, 3 m.p.h. Six observers in 3 parties. Total party-hours, 50 (16 on foot, 34 by car); total party-miles, 145 (12 on foot, 133 by car). Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 2; **Eared Grebe, 1** (all field marks at 200 ft. thru 30X 'scope); Double-crested Cormorant, 2; Great Blue Heron, 24; Canada Goose, 36,320; Mallard, 28,353; Black Duck, 3289; Gadwall, 4; Am. Widgeon, 29; Pintail, 131; Green-winged Teal, 9; Shoveller, 13; Canvas-back, 1; Lesser Scaup, 107; Am. Golden-eye, 44; Buffle-head, 4; Old-squaw, 2; Hooded Merganser, 356; Am. Merganser, 1353; Cooper's Hawk, 1; Red-tailed Hawk, 14; Red-shouldered Hawk, 5; **Broad-winged Hawk, 1** (carefully identified—L.B.); Rough-legged Hawk, 1; **Golden Eagle, 1**; Bald Eagle, 9; Sparrow Hawk, 9; Bob-white, 15; Ring-necked Pheasant, 1; Am. Coot, 1; Killdeer, 2;

Herring Gull, 3310; Ring-billed Gull, 2200; Mourning Dove, 17; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 48; Pileated Woodpecker, 2; Red-bellied Woodpecker, 14; Red-headed Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 28; Horned Lark, 15; Blue Jay, 75; Am. Crow, 132; Black-capped Chickadee, 184; Carolina Chickadee, 1; Tufted Titmouse, 15; White-breasted Nuthatch, 2; Brown Creeper, 5; Carolina Wren, 11; Mockingbird, 58; Am. Robin, 31; Eastern Bluebird, 32; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 3; Loggerhead Shrike, 4; Common Starling, **500,000**; House Sparrow, 124; Eastern Meadowlark, 17; Red-winged Blackbird, **1,000,000**; Purple Grackle, **750,000**; Brown-headed Cowbird, 1; Cardinal, 136; Purple Finch, 2; Am. Goldfinch, 67; Eastern Towhee, 2; Slate-colored Junco, 329; Am. Tree Sparrow, 20; Field Sparrow, 16; White-crowned Sparrow, 9; White-throated Sparrow, 8; Swamp Sparrow, 5; Song Sparrow, 19. **Total,** 77 species; about 2,327,060 individuals.—Eugene Crawford, Harry Stiles, Larry Sheffield, Al Monke, William Meneese, Lee Bush (compiler).

312. **Decatur, Ill.** (same area as 1952; weeds and thickets 15%, river and stream bottomlands 35%, upland woodlands 13%, water 15%, fields, pastures and open country 12%, evergreen 5%, shore 3%, marsh 2%).—Dec. 27; 2 a.m. to 12 a.m. Cloudy a.m.; fair p.m.; temp. 33° to 46°; wind WNW, 5-10 m.p.h.; ground frozen a.m., muddy p.m., lakes and streams open. Twelve observers in 8 parties. Total party-hours, 78 (40 on foot, 38 by car); total party-miles, 442 (63 on foot, 379 by car). **Horned Grebe,** 1 (L.B., R.M.); Great Blue Heron, 1; Canada Goose, 19; Mallard, 2500; Black Duck, 209; Gadwall, 3; Am. Widgeon, 28; Pintail, 14; Green-winged Teal, 22; Redhead, 11; Canvas-back, 81; Lesser Scaup, 10; Am. Golden-eye, 221; Buffle-head, 1; Ruddy Duck, 1; Hooded Merganser, 8; Am. Merganser, 22; Cooper's Hawk, 3; Red-tailed Hawk, 9; Red-shouldered Hawk, 3; Marsh Hawk, 16; Sparrow Hawk, 6; Bob-white, 87; Ring-necked Pheasant, 1; Am. Coot, 13; Killdeer, 1; Herring Gull, 25; Ring-billed Gull, **1731**; Mourning Dove, 28; Screech Owl, 3; Horned Owl, 2; Barred Owl, 6; Short-eared Owl, 2; Belted Kingfisher, 7; Yellow-shafted Flicker, 23; **Pileated Woodpecker,** 1 (R.C.); Red-bellied Woodpecker, 136; Red-headed Woodpecker, 66; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 20; Downy Woodpecker, 182; **Eastern Phoebe,** 1 (R.S.); Horned Lark, 107 (1 Northern); Blue Jay, 271; Am. Crow, 4170; Black-capped Chickadee, 216; Tufted Titmouse, 271; White-breasted Nuthatch, 17; Red-breasted Nuthatch, 1; Brown Creeper, 13; Winter Wren, 5; Carolina Wren, 78; Mockingbird, 16; Am. Robin, 4; **Varied Thrush,** 1 (R.S., confirmed next day—L.B., R.M., R.K.); Golden-crowned Kinglet, 8; Cedar Waxwing, 8; Common Starling, 1108; House Sparrow, 1750; meadowlark (sp.), 2; Red-winged Blackbird, 1; Purple Grackle, 4; Brown-headed Cowbird, 2; Cardinal, 278; Purple Finch, 10; Am. Goldfinch, 181; Eastern Towhee, 4; Slate-colored Junco, 533; Am. Tree Sparrow, 248; Field Sparrow, 3; White-throated Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 140; Lapland Longspur, 3. **Total,** 74 species (1 additional subspecies); about 14,982 individuals. (Seen count period: Red-breasted Merganser, white-winged gull, probably Glaucous or Iceland.) [Excellent details submitted for all unusual observations —Ed.]—L. C. Binford, G. E. Chaniot, D. B. Gorham, H. Gorham, R. P. Kirby (compiler), R. Macomber, T. Nearing, P. Nearing, R. Sandburg, R. Simpson, P. Smith, G. Smith.

313. **Elsah, Ill.** (same area as last year).—Jan. 1; 6:30 a.m. to 4:30 p.m. Cloudy to clear; temp. 24° to 32°; wind N, 12-6 m.p.h. Seven observers in 3 parties. Total party-hours, 10 (8 on foot, 2 by car); total party-miles, 30 (8 on foot, 22 by car). Lesser Scaup, 2; Bald Eagle, 2; Sparrow, Hawk, 1; Bob-white, 15; Herring Gull, 350; Screech Owl, 1; Horned Owl, 1; Barred Owl, 1; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 14; Red-headed Woodpecker, 5; Hairy Woodpecker, 9; Downy Woodpecker, 18; Blue Jay, 28; Am. Crow, 220; Black-capped Chickadee, 34; Tufted Titmouse, 40; White-breasted Nuthatch, 10; Carolina Wren, 5; Mockingbird, 2; Am. Robin, 2; Eastern Bluebird, 3; Common Starling, 15; House Sparrow, 30; Cardinal, 40; Am. Goldfinch, 9; Slate-colored Junco, 182; **Oregon Junco,** 1; Am. Tree Sparrow, 9; Song Sparrow, 2. **Total,** 30 species; about 1055 individuals. [Exceptionally neat, well prepared report—Ed.] —J. A. and R. A. Andrews, C. Burnett, G. B. Happ (compiler), G. M. and H. G. M. Happ, D. B. Morgan.

314. **Joliet, Ill.** (Des Plaines River tow path southwest of Joliet to Illinois River, including McKinley woods area; within 7½ miles west on farm roads, northwest to Lake Renwick; open water 30%, woodland 50%, roadside and fields 20%).—Dec. 28; 7:30 a.m. to 3:30 p.m. Overcast and haze; temp. 32° to 36°; wind NW, 10-15 m.p.h.; ground, underbrush and branches covered with 1-2-in. snow, ponds frozen. Six observers in 1 party. Total party-hours, 8 (6 on foot, 2 by car); total party-miles, 53 (3 on foot, 50 by car). Great Blue Heron, 4; Mallard, 200; Black Duck, 80; Ring-necked Duck, 1; Canvas-back, 2; Lesser Scaup, 18; Am. Golden-eye, 65; Ruddy Duck, 15; Am. Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Rough-legged Hawk, 5; Sparrow Hawk, 1; Ring-necked Pheasant, 11; Am. Coot, 7; Herring Gull, 24; Ring-billed Gull, 4; Mourning Dove, 10; Belted Kingfisher, 3; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 9; Horned Lark, 70; Blue Jay, 2; Am. Crow, 100; Black-capped Chickadee, 50; Am. Robin, 1; Ruby-crowned Kinglet, 1; Common Starling, 100; House Sparrow, 100; Eastern Meadowlark, 17; Cardinal, 3; Vesper Sparrow, 6; Slate-colored Junco, 50; Am. Tree Sparrow, 125; Song Sparrow, 10. **Total,** 38 species; about 1109 individuals.—Mrs. E. D. Collins, James Enderson, Gayle N. Hufford, William L. Hughes, Hilda McIntosh (compiler), Clarence D. Stallman (Joliet Audubon Club).

315. **Lisle, Ill.** (15-mile diameter covering 800 acres of Morton Arboretum, Saganashkee Slough and oak woods around it, Bemis Woods in Cook County; semi-open area 15%, open fields and farmland 10%, oak woods 35%, riverbottom 10%, pine and spruce stands 30%).—Dec. 30; 7 a.m. to 4:15 p.m. Sunny, cloudy after 10 a.m.; temp. 9° to 27°; wind NW, 10-15 m.p.h.; 1-in. snow on ground. Twenty-seven observers in 5 parties. Total party-hours, 37 (25 on foot, 12 by car); total party-miles, 96 (40 on foot, 56 by car). Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Sparrow Hawk, 3; falcon (sp.), 1; Ring-necked Pheasant, 22; Killdeer, 1; Herring Gull, 1; Mourning Dove, 2; Horned Owl, 2; Long-eared Owl, 12; Saw-whet Owl, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 38; Horned Lark, 8; Blue Jay, 7; Am. Crow, 140; Black-capped Chickadee, 68; Tufted Titmouse, 2; White-breasted Nuthatch, 13; Red-breasted Nuthatch, 1; Brown Creeper, 14; Winter Wren, 2; Carolina Wren, 2; Am. Robin, 7; Hermit Thrush, 1; Golden-crowned Kinglet, 12; Cedar Waxwing, 5; Common Starling, 23; House Sparrow, 51; Red-winged Blackbird, 53; Rusty Blackbird, 1; Cardinal, 44; Purple Finch, 6; Common Redpoll, 9; Pine Siskin, 20; Am. Goldfinch, 22; Eastern Towhee, 1; Slate-colored Junco, 156; Oregon Junco, 3 (2 Pink-sided); Am. Tree Sparrow, 215; Fox Sparrow, 1; Song Sparrow, 7; **Total,** 45 species; about 995 individuals.—Bertha Bannert, Karl Bartel, W. J. Beecher, Kay Binder, Shirley Borchardt, Albert L. Campbell, Ralph M. Eiseman, Hermann Frauen, Eleanore Hudgeon, Warren N. Keck, Lloyd Kern, Margaret Lehmann (compiler), Hazel Bradley Lory, Theodore Nork, Alfred Reuss, Jr., Catharine Schaffer, Paul Schulze, Winslow Shaughnessy, C. Roy Smith, Judith Smith, David H. Thompson, Roberta Weitzman, C. A. Westcott, Kenneth Will, Carl F. Wilm (members and guests of Chicago Ornithological Society).

316. **Mayslake Area, Westmont, Ill.** (7½-mile radius centering at Westmont, including St. Procopius Monastery, Maryknoll College woods, ponds south of Elmhurst, Brookfield Zoo grounds, Forest Preserve District of Cook Co.; pasture 5%, plowed land 30%, town suburbs 25%, farm woodlots 12%, deciduous woods 25%, evergreen grove 1%, cattail-sedge-smartweed marshes 2%).—Dec. 30; 6 a.m. to 9 p.m. Clear, then cloudy; temp. 10° to 15°; wind E, 2-15 m.p.h.; snow in patches, wind-cleared ground, open water only in rivers. Seventeen observers in 7 parties. Total party-hours, 178 (35 on foot, 143 by car); total party-miles, 448 (78 on foot, 370 by car). Canada Goose, 18; Mallard, 153; Black Duck, 3; Cooper's Hawk, 4; Red-tailed Hawk, 14; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 5; Ring-necked Pheasant, 85; Killdeer, 1; Herring Gull, 3; Mourning Dove, 3; Screech Owl, 2; Long-eared Owl, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 6; Hairy Woodpecker, 6; Downy Woodpecker, 17; Horned Lark, 4; Blue Jay, 12; Am. Crow, 500; Black-capped Chickadee, 84; Tufted Titmouse, 22; White-breasted Nuthatch, 13; Red-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 1; Am. Robin, 2; Golden-crowned Kinglet, 28; Cedar Waxwing, 10; Common Starling, 600; House Sparrow, 384; Red-winged Blackbird, 33; Purple Grackle, 29; Cardinal, 74; Purple Finch, 3; **Common Redpoll, 10**; Pine Siskin, 2; Am. Goldfinch, 24; Eastern Towhee, 1; Slate-colored Junco, 316; Am. Tree Sparrow, 211; White-throated Sparrow, 51; Song Sparrow, 64. **Total,** 45 species; about 2806 individuals.—Erwin B. Bahnsen, David Correll, Mrs. Stephen L. Healy, Richard Hoger, Edward F. Johnson, G. W. Krammer, Fr. Reinhold Link (compiler), Rudolph Vanderly.

317. **Murphysboro, Ill.** (15-mile diameter circle with Murphysboro as center, including Carbondale Reservoir, Lake Murphysboro, Carbon Lake, Big Muddy River bottomlands; deciduous woods and thickets 45%, water and lake shore 20%, fields 30%, misc. 5%).—Dec. 31; 7:30 a.m. to 5 p.m. Cloudy; temp. 40° to 54°; wind NW, 0-2 m.p.h.; ground bare, water open. Two observers in 2 parties. Total party-hours, 15 (11 on foot, 4 by car); total party-miles, 61 (11 on foot, 50 by car). Pied-billed Grebe, 3; Gadwall, 2; Pintail, 1; Ring-necked Duck, 1; Canvas-back, 18; Lesser Scaup, 1; Ruddy Duck, 5; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 9; Bob-white, 12; Killdeer, 2; Wilson's Snipe, 3; Mourning Dove, 16; Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 12; Pileated Woodpecker, 2; Red-bellied Woodpecker, 15; Red-headed Woodpecker, 7; Hairy Woodpecker, 2; Downy Woodpecker, 7; Horned Lark, 2; Blue Jay, 36; Am. Crow, 17; Carolina Chickadee, 31; Tufted Titmouse, 20; White-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 17; Mockingbird, 4; Am. Robin, 1; Eastern Bluebird, 6; Golden-crowned Kinglet, 1; Loggerhead Shrike, 8; Common Starling, 613; House Sparrow, 108; Eastern Meadowlark, 6; Brown-headed Cowbird, 6; Cardinal, 45; Am. Goldfinch, 16; Eastern Towhee, 2; Slate-colored Junco, 127; Am. Tree Sparrow, 31; Field Sparrow, 18; White-crowned Sparrow, 1; White-throated Sparrow, 2; Fox Sparrow, 1; Swamp Sparrow, 4; Song Sparrow, 23. **Total,** 53 species; about 1280 individuals.—Richard Brewer (compiler), John William Hardy.

318. **Pere Marquette State Park, Ill.** (15-mile diameter circle centered 5 miles west of Grafton, including both sides of Illinois River, and Swan Lake Refuge area).—Dec. 30; 7 a.m. to 5 p.m. Overcast a.m., fog around noon, clear p.m.; temp. 30° to 45°; wind 1-7 m.p.h. Twenty-two observers in 5 parties. Total party-hours, 50 (30 on foot, 20 by car); total party-miles, 179 (25 on foot, 154 by car). Great Blue Heron, 4; Canada Goose, 150; Snow Goose, 900; Blue Goose, 2700; Mallard, 11,100; Black Duck, 46; Gadwall, 55; Am. Widgeon, 1; Pintail, 91; Shoveller, 12; Canvas-back, 15; Lesser Scaup, 25; Am. Golden-eye, 40; Buffle-head, 7; Hooded Merganser, 2; Am. Merganser, 275; Red-tailed Hawk, 19; Bald Eagle, 32; Marsh Hawk, 6; Sparrow Hawk, 16; Bob-white, 93; Killdeer, 2; Wilson's Snipe, 1; Herring

Gull, 1; Ring-billed Gull, 2800; Mourning Dove, 225; Screech Owl, 4; Horned Owl, 6; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 56; Pileated Woodpecker, 2; Red-bellied Woodpecker, 52; Red-headed Woodpecker, 15; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 7; Downy Woodpecker, 46; Blue Jay, 70; Am. Crow, 293; Black-capped Chickadee, 37; Tufted Titmouse, 52; White-breasted Nuthatch, 6; Brown Creeper, 1; Carolina Wren, 15; Mockingbird, 5; Am. Robin, 11; Eastern Bluebird, 24; Golden-crowned Kinglet, 4; Cedar Waxwing, 8; Loggerhead Shrike, 9; Common Starling, 3950; House Sparrow, 1490; Eastern Meadowlark, 122; **Yellow-headed Blackbird, 1** (carefully identified—G.C., R.K.); Red-winged Blackbird, **19,000**; Rusty Blackbird, 12; Purple Grackle, 880; Brown-headed Cowbird, 231; Cardinal, 233; Am. Goldfinch, 37; Eastern Towhee, 3; Slate-colored Junco, 554; Am. Tree Sparrow, 349; Field Sparrow, 3; White-crowned Sparrow, 3; White-throated Sparrow, 6; Swamp Sparrow, 2; Song Sparrow, 68. **Total,** 68 species; about 46,299 individuals.—Herbert Ball, Glenna Ball, Jack Buese, N. D. Crouch, G. E. Chaniot, Jr., Cora W. Hutchinson, O. C. K. Hutchinson (compiler), Robert Kirby, Joel Massie, Mrs. Joel Massie, Mildred Schaeffer.

319. **Princeton, Ill.** (same area as last year; farm 10%, town 15%, highway 20%, timber 30%, river-bottom 25%).—Dec. 28; 7 a.m. to 5 p.m. Partly cloudy; temp. 30° to 34°; wind NE, 10 m.p.h.; light snow on ground. Twelve observers in 5 parties. Total party-hours, 112 (16 on foot, 96 by car); total party-miles, 462 (12 on foot, 450 by car). **Great Blue Heron, 2; Am. Egret, 1** (Boyle party); Canada Goose, 2; Mallard, 1615; Red-tailed Hawk, 31; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 6; Bob-white, 44; Ring-billed Gull, 20; Mourning Dove, 50; Screech Owl, 1; Belted Kingfisher, 1; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 6; Downy Woodpecker, 31; Horned Lark, 159; Blue Jay, 18; Am. Crow, 197; Black-capped Chickadee, 145; Tufted Titmouse, 40; White-breasted Nuthatch, 40; Brown Creeper, 1; Winter Wren, 1; **Carolina Wren, 2**; Am. Robin, 1; **Eastern Bluebird, 2**; Common Starling, 1062; House Sparrow, 1309; Rusty Blackbird, 645; Purple Grackle, 82; Cardinal, 126; Am. Goldfinch, 2; Slate-colored Junco, 218; Am. Tree Sparrow, 334; Field Sparrow, 14; Song Sparrow, 13. **Total,** 40 species; about 6248 individuals.—W. D. Boyle, Alfred Dyke, Vinnie Dyke, Donnabelle Fry, J. D. Hawks, Carl H. Kramer (compiler), Pearl P. Kramer, M. H. Paden, Ellis Rudiger, Ethel Sharp, Mary Smith, Harry Thomas (Bureau Valley Audubon Society).

320. **River Forest–Chicago Lake Front, Ill.** (Forest Preserve areas in Cook County along Des Plaines River between Madison St. and North Ave., Chicago lake front between Randolph St. and Northerly Island Airport; deciduous woodlands 50%, lake front 35%, open fields 15).—Dec. 31; 7 a.m. to 4:30 p.m. Clear to cloudy; temp. 32° to 34°; wind WNW, 5-18 m.p.h.; 0-1-in. snow cover, river and ponds frozen, Lake Michigan open. One observer. Total hours, 9½ (7½ on foot, 2 by car); total miles 20 (11 on foot, 9 by car). Canada Goose, 1; Mallard, 4; Lesser Scaup, 8; Am. Golden-eye, 34; Old-squaw, 21; Ruddy Duck, 1; Red-breasted Merganser, 10; Red-tailed Hawk, 1; Sparrow Hawk, 1; Herring Gull, 250; Ring-billed Gull, 250; Bonaparte's Gull, 8; Downy Woodpecker, 15; Am. Crow, 6; Black-capped Chickadee, 33; Tufted Titmouse, 1; White-breasted Nuthatch, 5; Brown Creeper, 2; Carolina Wren, 1; Common Starling, 151; House Sparrow, 36; Cardinal, 7; Am. Goldfinch, 1; Slate-colored Junco, 4; Song Sparrow, 2. **Total,** 25 species; about 853 individuals.—Allen C. Montague.

321. **Robert Allerton Park, Ill.** (Piatt County, 7½-mile radius centering at the WILL transmitter, including Robert Allerton Park, Monticello, surrounding farmlands; river bottomland 45%, deciduous forest 25%, field 20%, ornamental conifers 10%).—Jan. 1; 7 a.m. to 6 p.m. Partly cloudy; temp. 13° to 32°; wind NW, 8-13 m.p.h.; river and streams partly frozen. Four observers in 4 parties. Total party-hours, 24 (12 on foot, 12 by car); total party-miles, 177 (21 on foot, 156 by car). **Wood Duck, 1** (male well seen); Cooper's Hawk, 2; Red-tailed Hawk, 19; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 12; Sparrow Hawk, 7; Bob-white, 19; Mourning Dove, 11; Horned Owl, 1; Barred Owl, 6; Short-eared Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 61; Pileated Woodpecker, 1; Red-bellied Woodpecker, 62; Red-headed Woodpecker, 63; Hairy Woodpecker, 20; Downy Woodpecker, 73; Horned Lark, 85; Blue Jay, 89; Am. Crow, 1356; Black-capped Chickadee, 50; Tufted Titmouse, 87; White-breasted Nuthatch, 31; Brown Creeper, 5; Winter Wren, 1; Carolina Wren, 22; Mockingbird, 10; Am. Robin, 30; Eastern Bluebird, 2; Golden-crowned Kinglet, 32; Cedar Waxwing, 24; Loggerhead Shrike, 4; Common Starling, 1329; House Sparrow, 273; meadowlark (sp.), 2; Red-winged Blackbird, 3; Cardinal, 202; Purple Finch, 57; Am. Goldfinch, 53; Eastern Towhee, 8; Slate-colored Junco, 216; Am. Tree Sparrow, 71; Field Sparrow, 6; White-crowned Sparrow, 14; Swamp Sparrow, 1; Song Sparrow, 21. **Total,** 48 species; about 4448 individuals. [Exceptionally neat, carefully prepared report—Ed.]—George E. Chaniot, Jr. (compiler), Dean B. Gorham, Robert P. Kirby, Richard Sandburg.

322. **Rockford, Ill.** (7½-mile radius centered near junction of Bates and Favor Roads in Owen township; open fields and farms 30%, coniferous plantings 5%, creek and river borders 20%, deciduous woodlands 30%, marshland and riverbottom sloughs 15%).—Dec. 30; 7 a.m. to 5 p.m. Clear until 10:30, then cloudy; temp. 11° to 32°; wind SW, 5-15 m.p.h.; 1-in. snow on ground, water frozen except fast-moving streams. Twenty-two observers in 9 parties, 5 at feeding stations. Total party-hours, 35 (24 on foot, 11 by car); total party-miles, 292 (38 on foot, 254 by car). Mallard, 192; Black Duck, 31; Green-winged Teal, 3; Blue-winged Teal, 1; Cooper's Hawk, 3; Red-tailed Hawk, 13; Red-shouldered Hawk, 3;

Rough-legged Hawk, 7; **Bald Eagle, 1**; Marsh Hawk, 2; Sparrow Hawk, 2; Bob-white, 11; Ring-necked Pheasant, 4; Wilson's Snipe, 1; Herring Gull, 1; Mourning Dove, 46; Screech Owl, 2; Horned Owl, 2; Barred Owl, 5; Long-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 2; Hairy Woodpecker, 8; Downy Woodpecker, 55; Horned Lark, 3; Blue Jay, 68; Am. Crow, 261; Black-capped Chickadee, 230; Tufted Titmouse, 46; White-breasted Nuthatch, 28; Brown Creeper, 5; Winter Wren, 2; Brown Thrasher, 1; Golden-crowned Kinglet, 17; Cedar Waxwing, 4; Gray Shrike, 1; Common Starling, 801; House Sparrow, 951; Red-winged Blackbird, 3; Rusty Blackbird, 12; Cardinal, 76; Purple Finch, 3; Am. Goldfinch, 32; **Vesper Sparrow, 6**; Slate-colored Junco, 340; **Oregon Junco, 10** (present all month, specimens collected); Am. Tree Sparrow, 702; Field Sparrow, 2; **Fox Sparrow, 6**; Swamp Sparrow, 2; Song Sparrow, 39; Lapland Longspur, 30. **Total,** 54 species; about 4103 individuals. (Seen in area count week: Saw-whet Owl, Pintail.)—Bill Baker, Donald and Harold Bennett, Paul Boynton, Bill Brooks, Dave Burdick, Francis Colehour, Sherm Ehlert, Dave Fagen, Owen Fleener, Gary Hampton, Lee Johnson (compiler), Ruth and Carlos Kane, Milt Mahlburg, Jack Oar, Jack Oberg, Rupert Olson, Frank Renn, Elizabeth and Florence Roberts, Dave Seal (compiler).

323. Springfield, Ill. (7½-mile radius centering on city square, including Lake Springfield, Clear Lake, Oak Ridge Cemetery, Carpenter's Park, Winch's Lane, Chatham Flats, Sangamon River; water 5%, river-bottom 15%, river bluffs 5%, pasture 20%, plowland 40%, city parks 15%).—Dec. 23; 6:30 a.m. to 5 p.m. Misty and drizzly; temp. 37° to 45°; wind slight; ground bare and unfrozen, lakes and river open. Seventeen observers in 5 parties. Total party-hours, 37 (25 on foot, 12 by car); total party-miles, 155 (18 on foot, 137 by car). Pied-billed Grebe, 2; Great Blue Heron, 1; Canada Goose, 79 (2 Hutchin's); Mallard, 1000; Black Duck, 500; Gadwall, 1; Ring-necked Duck, 1; Lesser Scaup, 2; Am. Golden-eye, 8; Am. Merganser, 50; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 6; Sparrow Hawk, 7; Bob-white, 2; Am. Coot, 15; Killdeer, 2; Herring Gull, 20; Ring-billed Gull, 400; Mourning Dove, 13; Screech Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 19; Red-bellied Woodpecker, 26; Red-headed Woodpecker, 40; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 20; Horned Lark, 10; Blue Jay, 143; Am. Crow, 1054; Black-capped Chickadee, 42; Tufted Titmouse, 59; White-breasted Nuthatch, 9; Brown Creeper, 3; Winter Wren, 1; Carolina Wren, 31; Mockingbird, 1; **Brown Thrasher,** 1; Eastern Bluebird, 10; Golden-crowned Kinglet, 17; Loggerhead Shrike, 1; Common Starling, 1340; **Northern Water-thrush, 1** (carefully identified—A.K.); Myrtle Warbler, 4; House Sparrow, 530; Cardinal, 158; Pine Siskin, 20; Am. Goldfinch, 48; Slate-colored Junco, 189; Am. Tree Sparrow, 69; **Field Sparrow, 2**; White-crowned Sparrow, 3; Song Sparrow, 14. **Total,** 55 species; about 5989 individuals.—Dr. and Mrs. Richard Allyn, Wayne Bailey, Mr. and Mrs. Carl Bretscher, Beatrice Foster, Vernon Greening, Lena Hardbarger, Lois Hogan, Al Kaszynski, Emma Leonhard, Winnie Marshall, Harry J. McConnell, William O'Brien, Opel M. Rippey, W. A. Sausaman (compiler), Richard Ware (Springfield Nature League).

324. Urbana–Champaign, Ill. (Sangamon River near White Heath, Lake-of-the-Woods, Trelease Woods, South University Farms, airport, Busey Pasture, intervening farmlands; woods 30%, forest-edge 20%, open country 50%).—Dec. 29; 8 a.m. to 4:30 p.m. Clear a.m., overcast p.m.; temp. 20° to 30°; wind slight; ground covered with recent snow, lake mostly open. Ten observers in 3 parties. Total party-hours, 23 (13 on foot, 5 by car, 5 by bicycle); total party-miles, 192 (22 on foot, 150 by car, 20 by bicycle). Mallard, 70; Black Duck, 10; Am. Widgeon, 1; Cooper's Hawk, 2; Red-tailed Hawk, 12; Red-shouldered Hawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 9; Sparrow Hawk, 10; Ring-necked Pheasant, 34; Wilson's Snipe, 5; Mourning Dove, 74; Screech Owl, 1; Horned Owl, 4; Barred Owl, 3; Yellow-shafted Flicker, 12; Red-bellied Woodpecker, 40, Red-headed Woodpecker, 61; Hairy Woodpecker, 11; Downy Woodpecker, 70; Horned Lark, 5000; Blue Jay, 52; Am. Crow, 127; Black-capped Chickadee, 40; Tufted Titmouse, 49; White-breasted Nuthatch, 23; Brown Creeper, 7; Winter Wren, 2; Carolina Wren, 15; Mockingbird, 1; Golden-crowned Kinglet, 19; Loggerhead Shrike, 4; Common Starling, 600; House Sparrow, 2700; **Western Meadowlark, 1** (S.E.); Red-winged Blackbird, 7; Rusty Blackbird, 16; Purple Grackle, 2; Brown-headed Cowbird, 31; Cardinal, 48; Purple Finch, 4; Am. Goldfinch, 72; Slate-colored Junco, 190; Am. Tree Sparrow, 450; White-crowned Sparrow, 2; White-throated Sparrow, 6; Swamp Sparrow, 2; Song Sparrow, 17; Lapland Longspur, 1500; **Smith's Longspur, 5** (S.E.). **Total,** 50 species; about 11,425 individuals.—Floyd Collins, Steve Emerson, S. C. Kendeigh (compiler), W. M. Luce, C. S. Marvel, H. W. Norton, C. S. Robinson, Fred Sargent, H. H. Shoemaker, G. C. West (Champaign Co. Audubon Club).

325. Western Mercer County, Ill. (same area as last year; deciduous woods 35%, open farmland 50%, river shoreline 10%, conifers 5%).—Dec. 28; 7:30 a.m. to 5 p.m. Cloudy; temp. 30° to 35°; wind NW, 8 m.p.h.; light snow on ground, melting by noon except in sheltered spots. Seven observers in 3 parties. Total party-hours, 35 (12 on foot, 23 by car); total party-miles, 119 (18 on foot, 101 by car). Great Blue Heron, 1; Mallard, 3; **Goshawk, 1**; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 10; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 27; Marsh Hawk, 3; Pigeon Hawk, 1; Sparrow Hawk, 2; Bob-white, 32; Ring-necked Pheasant, 3; Mourning Dove, 26; Screech Owl, 2; Horned Owl, 1; Barred Owl, 1; Long-eared Owl, 5; Short-eared Owl, 3; Belted Kingfisher, 1; Yellow-shafted Flicker, 17; Pileated Woodpecker, 3; Red-bellied Woodpecker, 14; Red-headed Wood-

pecker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 21; Horned Lark, 13; Blue Jay, 37; Am. Crow, 396+; Black-capped Chickadee, 56; Tufted Titmouse, 37; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 2; Brown Creeper, 1; **Mockingbird, 2**; Am. Robin, 6; Eastern Bluebird, 11; Golden-crowned Kinglet, 2; Cedar Waxwing, 125; Loggerhead Shrike, 1; Common Starling, 509; House Sparrow, 560+; Eastern Meadowlark, 13; Red-winged Blackbird, 5; Purple Grackle, 1; Cardinal, 114; Am. Goldfinch, 97; Slate-colored Junco, 414; Am. Tree Sparrow, 435; **Harris's Sparrow, 3** (large numbers Oct.-Nov.); Song Sparrow, 7; Lapland Longspur, 325. **Total,** 53 species; about 3388 individuals. (Seen in area census period: Canada Goose, Am. Golden-eye, Am. Merganser, Herring Gull, Ring-billed Gull, White-throated Sparrow, Swamp Sparrow.)—May Greer, Richard Greer, Theodore Greer, Teddy Greer, Earl Tomlinson, Marjie Trial, Robert Trial (compiler).

326. Adams, Wis. (same area and habitat percentages as last year, 7½-mile radius circle centered 1 mile south of Dellwood).—Jan. 1; 6:15 a.m. to 5:15 p.m. Clear; temp. –4° to 7°; wind NW, 15-30 m.p.h.; 2-4-in. snow, Wisconsin River open only below dams, creeks partly open. Nine observers in 3 parties. Total party-hours, 26 (15 on foot, 11 by car); total party-miles, 304 (26 on foot, 278 by car). **Pied-billed Grebe,** 1 (injured); Great Blue Heron, 1; Mallard, 143; Black Duck, 153; Canvas-back, 1; Am. Golden-eye, 162; Am. Merganser, 6; **Goshawk,** 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 16; Marsh Hawk, 1; Ruffed Grouse, 1; Bob-white, 15; Wilson's Snipe, 6; Mourning Dove, 5 (3 places); Horned Owl, 6; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 1; Hairy Woodpecker, 10; Downy Woodpecker, 8; Blue Jay, 88; Am. Crow, 302; Black-capped Chickadee, 36; White-breasted Nuthatch, 6; Brown Creeper, 2; Golden-crowned Kinglet, 4; Gray Shrike, 1; Common Starling, 31; House Sparrow, 131; **Rusty Blackbird,** 1 (N.B., R.L.); **Purple Grackle,** 1 (D.W., S.R.); **Brown-headed Cowbird,** 1 (D.W., R.W.); Cardinal, 43; Am. Goldfinch, 240; Slate-colored Junco, 103; **Oregon Junco,** 3 (well seen); Am. Tree Sparrow, 127; **Field Sparrow,** 1 (S.R., D.W.). **Total,** 43 species; about 1673 individuals. (Seen in area count period: Barred Owl, Purple Finch.) [All 5 counts compiled by Rev. Samuel Robbins exceptionally neat and well prepared with details for all unusual observations—Ed.]—Mr. and Mrs. N. R. Barger, Buddy Barger, John Holmes, Mr. and Mrs. Roy Lound, Sam Robbins (compiler), Ray White, Dick Wills.

327. Appleton, Wis. (7½-mile radius centering in Appleton, east to Kaukauna, west and south to Lake Winnebago, west to Neenah, north to Town Line Road; city streets, parks, cemetery 20%, river banks 25%, lake front 25%, fields 20%, deciduous woodland 10%).—Dec. 28; 8 a.m. to 5 p.m. Cloudy, sun peeping a.m.; temp. 20° to 34°; wind N to NE, 8-11 m.p.h.; 6-in. snow, river partly frozen, lake open only at mouth of river. Eight observers in 3 parties. Total party-hours, 25 (10 on foot, 15 by car); total party-miles, 80 (10 on foot, 70 by car). Mallard, 39; Black Duck, 171; Am. Golden-eye, 217; Am. Merganser, 1; Red-tailed Hawk, 1; Sparrow Hawk, 2; European Partridge, 33; Ring-necked Pheasant, 13; Herring Gull, 24; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 2; Am. Crow, 544; Black-capped Chickadee, 17; White-breasted Nuthatch, 3; Brown Creeper, 4; Common Starling, 77; House Sparrow, 246; Cardinal, 5; Slate-colored Junco, 16; Song Sparrow, 1. **Total,** 21 species; about 1419 individuals.—Mrs. A. C. Berry, Mrs. C. W. Coffin, Mrs. J. W. Green, Mrs. T. E. Orbison, Mrs. H. L. Playman, Mrs. F. W. Poppe, Mrs. W. C. Rehbein, Mrs. W. E Rogers (compiler) (Appleton Audubon Society).

328. Bancroft, Wis. (7½-mile radius centering 3 miles west of Bancroft, including entire Buena Vista Marsh and surrounding woodland; grass meadow 30%, cultivated fields 20%, brushy roadsides 45%, Jack Pine woods 5%).—Dec. 29; 6:15 a.m. to 4:45 p.m. Cloudy; temp. 10° to 20°; wind NW, 0-5 m.p.h.; 3-5-in. snow, creeks mostly frozen. Seven observers in 2 parties. Total party-hours, 15 (3 on foot, 12 by car); total party-miles, 218 (5 on foot, 213 by car). Red-tailed Hawk, 1; Greater Prairie Chicken, 72; European Partridge, 11; Bob-white, 8; Horned Owl, 7; Snowy Owl, 1; Hairy Woodpecker, 3; Downy Woodpecker, 4; Horned Lark, 2; Blue Jay, 97; Am. Crow, 441; Black-capped Chickadee, 46; White-breasted Nuthatch, 5; Gray Shrike, 3; Common Starling, 52; House Sparrow, 106; meadowlark (sp.), 1; Cardinal, 10; Am. Goldfinch, 107; Slate-colored Junco, 67; Am. Tree Sparrow, 101; Snow Bunting, 10. **Total,** 22 species; about 1155 individuals. (Seen in area count period: Rough-legged Hawk, Ruffed Grouse.)—Frances Hamerstrom, Elva Hamerstrom, John Holmes, Edith Keith, Lloyd Keith, Sam Robbins (compiler), Jerry Vogelsang.

329. Beloit, Wis. (7½-mile radius centering at north end of Big Hill Park, including Chamberlain Springs, Millpond, Hanover, Rock River to Janesville, Turtle Creek to Tiffany and Rockton Dam; city streets, cemeteries 10%, fields 10%, riverbottoms 30%, hardwoods 40%, conifer plantings 10%).—Dec. 29; 7:40 a.m. to 4 p.m. Mostly cloudy; temp. 18° to 28°; wind SW, 5-10 m.p.h.; 1-in. snow cover, river and creeks partially frozen. Nineteen observers in 5 parties. Total party-hours, 76 (25 on foot, 51 by car); total party-miles, 153 (15 on foot, 138 by car) Great Blue Heron, 1; Mallard, 21; Ring-necked Duck, 1; Am. Golden-eye, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 3; Ring-necked Pheasant, 4; Herring Gull, 4; Ring-billed Gull, 1; Mourning Dove, 17; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 13; Horned Lark, 31; Blue Jay, 24; Am. Crow, 212; Black-capped

Chickadee, 79; Tufted Titmouse, 9; White-breasted Nuthatch, 29; Brown Creeper, 1; Golden-crowned Kinglet, 7; Gray Shrike, 1; Common Starling, 699; House Sparrow, 865; **Western Meadowlark, 16**; Purple Grackle, 1; Cardinal, 32; Am. Goldfinch, 65; Slate-colored Junco, 208; Am. Tree Sparrow, 543; **Fox Sparrow, 1**; Swamp Sparrow, 6; Song Sparrow, 1. **Total,** 41 species; about 2920 individuals.—David J. Cox (compiler), David Mezgar (Ned Hollister Bird Club).

330. **Cedar Creek Forest Preserve, Wis.** (7½-mile radius centering on cabin headquarters, including University of Minnesota Research Center, Cedar Creek; cedar, pine and deciduous forested areas, open and cultivated patches).—Dec. 30; 8 a.m. to 4 p.m. Cloudy a.m., sunny p.m.; temp. 26° to 37°; wind 10-40 m.p.h.; 2-4-in. snow on ground. Eleven observers in 2 parties. Total party-hours, 8 (6 on foot, 2 by car); total party-miles, 70 (30 on foot, 40 by car). **Golden Eagle, 1**; Ruffed Grouse, 3; Ring-necked Pheasant, 2; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 7; Blue Jay, 16; Am. Crow, 1; Black-capped Chickadee, 8; White-breasted Nuthatch, 7; Golden-crowned Kinglet, 3; Common Starling, 2; House Sparrow, 4; Cardinal, 1; Pine Grosbeak, 1; Am. Goldfinch, 1; Slate-colored Junco, 4; Am. Tree Sparrow, 4. **Total,** 19 species; 71 individuals.—Minnesota Bird Club, Walter A. Jiracek (compiler).

331. **Chippewa Falls, Wis.** (same area as last year: Big Falls west to Dell's Pond, north along Chippewa River to Chippewa Falls, perimeter of Lake Wissota).—Dec. 22; 7:15 a.m. to 4:30 p.m. Overcast, fog, intermittent freezing rain; temp. 27° to 29°; wind E to SE, 2-7 m.p.h.; 1-in. crusted snow, river partly frozen. Four observers, 3 in 1 party, 1 at feeding station. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 84 (5 on foot, 79 by car). Am. Golden-eye, 56; Red-tailed Hawk, 1; Ruffed Grouse, 2; Pileated Woodpecker, 3; Red-bellied Woodpecker, 1; Downy Woodpecker, 8; Blue Jay, 146; Am. Crow, 55; Black-capped Chickadee, 29; Tufted Titmouse, 6; White-breasted Nuthatch, 13; Gray Shrike, 1; Common Starling, 44; House Sparrow, 288; **Brewer's Blackbird, 1**; Cardinal, 13; Am. Goldfinch, 293; Slate-colored Junco, 24; Am. Tree Sparrow, 18. **Total,** 19 species; about 1002 individuals.—Charles A. Kemper (compiler), Cy Lamb, Elaine Miller, Mrs. Ed Reifenauer.

332. **Hales Corners, Wis.** (same area as in 1955).—Dec. 28; 8 a.m. to 5 p.m. Overcast; temp. 29° to 22°; wind N, 25-27 m.p.h.; some old snow, Lake Michigan open, parts of streams open. Three observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 140 (6 on foot, 134 by car). Mallard, 30; Black Duck, 200; Redhead, 1; Canvas-back, 4; Greater Scaup, 1765+; Am. Golden-eye, 1287+; Buffle-head, 444; Old-squaw, 65; Ruddy Duck, 1; Hooded Merganser, 7; Am. Merganser, 1251; Red-breasted Merganser, 454+; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Rough-legged Hawk, 5; Sparrow Hawk, 2; Ring-necked Pheasant, 4; Am. Coot, 2; Herring Gull, 457; Ring-billed Gull, 151; Mourning Dove, 2; **Red-bellied Woodpecker, 1** (at feeder for month); Hairy Woodpecker, 1; Downy Woodpecker, 6; Blue Jay, 1; Am. Crow, 304; Black-capped Chickadee, 7; White-breasted Nuthatch, 5; Golden-crowned Kinglet, 2; Gray Shrike, 1; Common Starling, 1245+; House Sparrow, 318; Cardinal, 6; Am. Goldfinch, 7; Slate-colored Junco, 7; Am. Tree Sparrow, 15. **Total,** 36 species; about 8062 individuals.—Ivy Balsom, Mary Donald (compiler), Karl Priebe.

333. **Jefferson, Wis.** (same area as last year, 15-mile diameter circle in southeastern Jefferson County, center in Section 22, Hebron Township).—Dec. 29; 7:30 a.m. to 4:30 p.m. Partly cloudy a.m., overcast p.m.; temp. 18° to 26°; wind N, 5-10 m.p.h.; 4-in. snow on ground, lakes and ponds frozen, Rock River partly open, Bark River mostly open. Two observers in 1 party. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 65 (2 on foot, 63 by car). Mallard, 40; Black Duck, 5; Red-tailed Hawk, 14; Sparrow Hawk, 1; Ring-necked Pheasant, 3; Herring Gull, 1; Mourning Dove, 46; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Hairy Woodpecker, 6; Downy Woodpecker, 2; Blue Jay, 5; Am. Crow, 4; Black-capped Chickadee, 20; White-breasted Nuthatch, 3; Am. Robin, 1; Common Starling, 370; House Sparrow, 400; Eastern Meadowlark, 20; Red-winged Blackbird, 2; **Rusty Blackbird, 2** (carefully identified); Cardinal, 6; Am. Goldfinch, 7; Slate-colored Junco, 80; Am. Tree Sparrow, 300; Song Sparrow, 3. **Total,** 26 species; about 1347 individuals. [Exceptionally neat, carefully prepared report—Ed.]—Lois Dahlstrand, Nils P. Dahlstrand (compiler).

334. **Lake Geneva, Wis.** (same area as last year; around entire lake, stopping at suitable localities for observations; town and suburbs 35%, deciduous woods 25%, open water 30%, pasture 5%, cattails and spring-fed streams 5%).—Dec. 23; 7 a.m. to 5 p.m. Rain all day; temp. 31° to 36°; wind E, 5-10 m.p.h.; ground covered with light snow, water open, visibility poor. Eight observers in 2 parties. Total party-hours, 12 (9 on foot, 3 by car); total party-miles, 42 (9 on foot, 33 by car). Horned Grebe, 7; Pied-billed Grebe, 1; Black-crowned Night Heron, 1; Canada Goose, 13; Mallard, 49; Black Duck, 2; Ring-necked Duck, 14; Canvas-back, 200; Lesser Scaup, 12; Am. Golden-eye, 135; Buffle-head, 3; Ruddy Duck, 32; Hooded Merganser, 3; Am. Merganser, 3; Red-breasted Merganser, 3; Red-shouldered Hawk, 2; Ring-necked Pheasant, 2; Am. Coot, 756; Wilson's Snipe, 1; Herring Gull, 34; Ring-billed Gull, 7; Mourning Dove, 1; Belted Kingfisher, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 2; Am. Crow, 14; Black-capped Chickadee, 8; White-breasted Nuthatch, 15; Brown Creeper, 3; Golden-crowned Kinglet, 2; Cedar Waxwing, 2; Common Starling, 6; House Sparrow, 7; Cardinal, 2; Purple Finch, 2; Pine Siskin, 1; Am. Goldfinch, 2; Slate-colored Junco, 22; Am. Tree Sparrow, 10; Swamp Sparrow, 1; Song Sparrow, 16. **Total,** 42 species;

about 1403 individuals. Additional large groups of ducks seen could not be identified due to fog.—Earl Anderson, Karl E. Bartel, Albert Gilbert, Jr., Margaret Lehmann, Clarence M. Palmquist (compiler), Bob and Ronald Palmquist, Alfred Reuss.

335. **Madison, Wis.** (7½-mile radius centered on State Capitol as in prior years).—Dec. 22; 5 a.m. to 5 p.m. Overcast with substantial fog; temp. 30° to 40°; wind NW, 0-5 m.p.h.; 2-in. old snow, Lake Mendota partially closed, Lakes Monona, Waubesa and Wingra closed. Thirty-three observers in 13 parties. Total party-hours, 99 (55 on foot, 44 by car); total party-miles, 465 (57 on foot, 408 by car). Pied-billed Grebe, 2; Mallard, 2049; Black Duck, 202; Gadwall, 4; Am. Widgeon, 19; Redhead, 20; Ring-necked Duck, 26; Canvas-back, 730; Lesser Scaup, 23; Am. Golden-eye, 173; Buffle-head, 26; Ruddy Duck, 4; Hooded Merganser, 9; Am. Merganser, 19; Red-breasted Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 11; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 4; Ring-necked Pheasant, 82; Am. Coot, 1075; Wilson's Snipe, 2; Herring Gull, 116; Ring-billed Gull, 21; Mourning Dove, 87; Screech Owl, 3; Horned Owl, 3; Barred Owl, 2; Long-eared Owl, 4; Belted Kingfisher, 3; Red-bellied Woodpecker, 6; Hairy Woodpecker, 24; Downy Woodpecker, 37; Blue Jay, 70; Am. Crow, 713; Black-capped Chickadee, 148; Tufted Titmouse, 19; White-breasted Nuthatch, 48; Red-breasted Nuthatch, 1; Brown Creeper, 18; Winter Wren, 1; **Carolina Wren, 1** (regular at feeder); **Catbird, 1** (J.E.); Am. Robin, 10; **Hermit Thrush, 1** (N.R.B.); Golden-crowned Kinglet, 82; **Ruby-crowned Kinglet, 2** (carefully identified); Gray Shrike, 3; Common Starling, 2800; House Sparrow, 2623; meadowlark (sp.), 45; Red-winged Blackbird, 1917; Rusty Blackbird, 21; Purple Grackle, 83; Cardinal, 113; Evening Grosbeak, 1; Purple Finch, 18; Am. Goldfinch, 58; Red Crossbill, 9 (2 adult males); **White-winged Crossbill, 1** (R.L.); **Vesper Sparrow, 1** (all field marks); Slate-colored Junco, 548; Oregon Junco, 5 (now regular every winter); Am. Tree Sparrow, 977; White-throated Sparrow, 3; Swamp Sparrow, 14; Song Sparrow, 33. **Total,** 70 species; about 15,186 individuals. (Seen in area count period: Yellow-bellied Sapsucker, Brown Thrasher, Green-tailed Towhee, the latter collected a day after the count and a second record for Wisconsin.) [Excellent details for all unusual observations—Ed.]—David Ahlgren, Florence Anderson, Thomas Ashman, Mr. and Mrs. N. R. Barger, Norval Barger, Jr., Ruby Bere, Betty Bleck, Wayne Brown, Robert Ellarson, John and Stephen Emlen, Bill Foster, Joseph Hickey, Mr. and Mrs. Roy Lound, Robert McCabe, John McCloud, Tom Nicholls, Eleanor Peterson, Eugene Roark, Lon and Neil Ruedisili, A. W. Schorger, Mr. and Mrs. Fred Shepherd, Ruth Stillman, J. G. Waddell, John Waddell, Mrs. R. A. Walker (compiler), Josephine Walker, Ray White, Richard Wills.

336. **Mazomanie, Wis.** (area of past years enlarged to circle with 7½-mile radius centered 1½ miles southeast of Witwen, including Arena, Mazomanie, Sauk City, Prairie du Sac, Denzer, Leland; wooded creek and river bottoms 25%, wooded hills 25%, fields 20%, marsh 15%, river and banks 10%, residential 5%).—Dec. 26; 6:15 a.m. to 4:15 p.m. Cloudy; temp. 22° to 35°; wind SW, 10-15 m.p.h.; 1-4-in. snow, Wisconsin River and most creeks open. Twelve observers in 5 parties. Total party-hours, 31 (18 on foot, 13 by car); total party-miles, 228 (15 on foot, 213 by car). Am. Golden-eye, 11; Am. Merganser, 5; Cooper's Hawk, 1; Red-tailed Hawk, 13; Rough-legged Hawk, 2; Bald Eagle, 15; Marsh Hawk, 1; Bob-white, 15; Ring-necked Pheasant, 7; Wilson's Snipe, 1; Herring Gull, 12; Mourning Dove, **106**; Horned Owl, 4; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Pileated Woodpecker, 4; Red-bellied Woodpecker, 15; Hairy Woodpecker, 20; Downy Woodpecker, 27; Blue Jay, 47; Am. Crow, 295; Black-capped Chickadee, 67; Tufted Titmouse, 2; White-breasted Nuthatch, 33; Red-breasted Nuthatch, 1; Brown Creeper, 1; **Carolina Wren, 1** (H.K., R.R.); Gray Shrike, 1; Common Starling, 545; House Sparrow, 2214; Eastern Meadowlark, 2; Western Meadowlark, 1; meadowlark (sp.), 15; Cardinal, 94; Purple Finch, 13; Am. Goldfinch, 656; Slate-colored Junco, 478; **Oregon Junco, 2** (close range); Am. Tree Sparrow, 358; Song Sparrow, 3. **Total,** 39 species; about 5091 individuals.—Dave Ahlgren, N. R. Barger, Buddy Barger, Edna Koenig, Mr. and Mrs. Harold Kruse, Tom Nicholls, Ronald Rich, William Roark, Sam Robbins (compiler), Ray White, Dick Wills.

337. **Milwaukee, Wis.** (same area as in 1955).—Dec. 23; 7:30 a.m. to 4:30 p.m. Fog, rain all day; temp. 34° to 39°; wind N to NE, 12 m.p.h.; ground frozen, wet on top, some old snow, Lake Michigan open but obscured by fog, Milwaukee open in many places. Fifteen observers in 4 parties. Total party-hours, 36 (9 on foot, 27 by car); total party-miles, 188 (15 on foot, 173 by car). Red-throated Loon, 1; **Horned Grebe, 1**; Mallard, 5800; Black Duck, 93; **Am. Widgeon, 1**; **Pintail, 3**; Shoveller, 4; **Wood Duck, 1**; Redhead, 10; Ring-necked Duck, 2; Canvas-back, 100; Greater Scaup, 923; Lesser Scaup, 300; Am. Golden-eye, 810; Buffle-head, 103; Old-squaw, 4; White-winged Scoter, 4; Ruddy Duck, 4; Am. Merganser, 12,000; Red-breasted Merganser, 370; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; European Partridge, 5; Ring-necked Pheasant, 32; Herring Gull, 5206; Ring-billed Gull, 306; Bonaparte's Gull, 52; Mourning Dove, 12; Screech Owl, 1; Horned Owl, 2; Long-eared Owl, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 12; Blue Jay, 14; Am. Crow, 130; Black-capped Chickadee, 64; **Tufted Titmouse, 1** (at feeder some time); White-breasted Nuthatch, 16; Red-breasted Nuthatch, 2; Brown Creeper, 3; **Brown Thrasher, 1** (carefully identified); Am. Robin, 7; Golden-crowned Kinglet, 18; Cedar Waxwing, 1; Gray Shrike, 1; Common Starling, 424; House Sparrow, 360; Cardinal, 32; Purple Finch, 1; Am. Goldfinch, 22; Slate-colored Junco, 82; **Oregon Junco, 2** (regular at feeder); Am. Tree Sparrow, 41; Song Sparrow, 3. **Total,** 56 species; about 27,401

individuals. (Seen official count period: Sparrow Hawk, Am. Coot, meadowlark, White-throated Sparrow.) [Excellent details for all unusual observations—Ed.]—Ivy Balsom, Mr. and Mrs. E. Bastian, H. Bauers, M. Decker, Mary Donald (compiler), Mr. and Mrs. C. Frister, Anna Hehn, Dixie Larkin, Mr. and Mrs. H. Liebherr, L. Logeman, K. Priebe, A. Simmons.

338. **Nekoosa, Wis.** (7½-mile radius centered 2 miles east of Nekoosa, including Wisconsin Rapids, Port Edwards, Kellner, New Rome; wooded creek and river banks 35%, oak–pine woods 25%, open fields 20%, residential 20%).—Dec. 31; 7:15 a.m. to 4 p.m. Clear; temp. 29° to 15°; wind NW, 10-30 m.p.h.; 3-4-in. snow, Wisconsin River mostly frozen, creeks partly open. Six observers in 1 party. Total party-hours, 8 (2 on foot, 6 by car); total party-miles, 74 (1 on foot, 73 by car). Mallard, 1 (injured); Goshawk, 1; Cooper's Hawk, 1; Ring-necked Pheasant, 1; Mourning Dove, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 34; Am. Crow, 576; Black-capped Chickadee, 42; White-breasted Nuthatch, 10; Brown Creeper, 2; Golden-crowned Kinglet, 2; Gray Shrike, 1; Common Starling, 9; House Sparrow, 186; Cardinal, 3; Am. Goldfinch, 34; Slate-colored Junco, 7; Am. Tree Sparrow, 17. **Total,** 21 species; about 934 individuals.—R. K. Anderson, Donald Deering, Sam Robbins (compiler), Joyce Russ, Barbara Scheib, Charles Welk.

339. **Palmyra, Wis.** (2½-mile radius centering at west end of Spring Lake, north to Zion School road, south to Jefferson County line road, east to Jefferson County line road, west to middle of Palmyra Township, section 22; fields 60%, marsh 5%, deciduous woods 35%).—Dec. 30; 6:30 a.m. to 5 p.m. Clear a.m. overcast, p.m.; temp. 8° to 28°; wind SW, 0-15 m.p.h.; 2-in. snow on ground, lakes and ponds frozen, Scuppernong River open. Six observers in 3 parties. Total party-hours, 26 (17 on foot, 9 by car); total party-miles, 88 (23 on foot, 65 by car). Red-tailed Hawk, 6; Marsh Hawk, 1; Ring-necked Pheasant, 6; Herring Gull, 4; Mourning Dove, 4; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 1; Hairy Woodpecker, 12; Downy Woodpecker, 12; Horned Lark, 1; Blue Jay, 11; Am. Crow, 23; Black-capped Chickadee, 77; White-breasted Nuthatch, 8; Brown Creeper, 1; **Bohemian Waxwing, 2** (carefully studied 4 days during week); Cedar Waxwing, 2; Common Starling, 9; House Sparrow, 300+; Western Meadowlark, 4; **Brown-headed Cowbird,** 7; Cardinal, 12; Purple Finch, 1; Am. Goldfinch, 400; Slate-colored Junco, 98; Am. Tree Sparrow, 850+; **Fox Sparrow, 15. Total,** 28 species; about 1871 individuals. (Seen in area count period: Rusty Blackbird.)—John Hooper, Helen Turner, Josephine Turner, Paul Turner, Terry Tutton (compiler), Tim Williams.

340. **Racine, Wis.** (7½-mile radius from Racine, all in Racine County; lakeshore 7%, city parks and cemeteries 23%, woods including riverbottoms 30%, fields 40%).—Dec. 29; 7:30 a.m. to 5 p.m. Clear a.m., overcast p.m.; temp. 20° to 26°; wind NNW, 10 m.p.h.; trace of old snow, Lake Michigan open, most rivers and streams frozen. Fourteen observers in 6 parties. Total party-hours, 28 (6 on foot, 22 by car); total party-miles, 192 (12 on foot, 180 by car). Canada Goose, 3; Mallard, 770; Black Duck, 140; **Shoveller,** 1; Greater Scaup, 36; Am. Golden-eye, 1316; Bufflehead, 2; Old-squaw, 344; Am. Merganser, 3887; Red-breasted Merganser, 17; Cooper's Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 40; Herring Gull, 1112; Ring-billed Gull, 3; Bonaparte's Gull, 1; Mourning Dove, 37; Long-eared Owl, 3; Short-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 13; Blue Jay, 6; Am. Crow, 46; Black-capped Chickadee, 26; White-breasted Nuthatch, 1; Brown Creeper, 3; Am. Robin, 1; Gray Shrike, 1; Common Starling, 330; House Sparrow, 568; Eastern Meadowlark, 1; Red-winged Blackbird, 1; Cardinal, 18; **Eastern Towhee,** 1; Slate-colored Junco, 64; Am. Tree Sparrow, 45; White-throated Sparrow, 1; Song Sparrow, 1. **Total,** 42 species; about 8855 individuals.—Ann Carlson, Laura DuFour, Dorothy Joslyn, Joy Joslyn, Mrs. Frank Kranick, Mrs. Marvin Lloyd, Walter A. Peirce, Mrs. Walter A. Peirce, Edward Prins, Mrs. Burton Rowley, J. Allan Simpson, B. L. von Jarchow, Barbara von Jarchow, Mary-Elizabeth Whelan (compiler).

341. **Redcliff, Wis.** (northeastern tip of Bayfield County, including northernmost point in Wisconsin, little Sand Harbor, Redcliff Indian Reservation, Redcliff, Bayfield; conifers 20%, deciduous 35%, cut-over area 30%, lakeshore 15%).—Dec. 30; 6:30 a.m. to 3:45 p.m. Cloudy, intermittent snow flurries; temp. 20° to 30°; wind SSE to SSW, 15-30 m.p.h.; ground with 4-in. snow. Two observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 60 (2 on foot, 58 by car). Am. Golden-eye, 24; Am. Merganser, 6; Herring Gull, 189; Ring-billed Gull, 104; Hairy Woodpecker, 3; Downy Woodpecker, 3; Blue Jay, 4; Common Raven, 8; Black-capped Chickadee, 23; Red-breasted Nuthatch, 5; Gray Shrike, 2; Common Starling, 3; **Total,** 12 species; about 374 individuals.—Robert Hendrickson, C. A. Kemper (compiler).

342. **Seneca, Wis** (same area as last year).—Dec. 23; 7:15 a.m. to 4:30 p.m. Overcast, foggy; temp. 34° to 38°; wind NE, 0-5 m.p.h.; ground with 2-in. snow, river and streams partly frozen. One observer. Total hours, 9 (8 on foot, 1 by car); total miles, 42 (8 on foot, 34 by car). Red-tailed Hawk, 1; Ruffed Grouse, 1; Barred Owl, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 5; Blue Jay, 5; Am. Crow, 1; Black-capped Chickadee, 8; Tufted Titmouse, 5; White-breasted Nuthatch, 9; Common Starling, 21; House Sparrow, 50; Cardinal, 10; Am. Goldfinch, 1; Slate-colored Junco, 10; Am. Tree Sparrow, 45; Field Sparrow, 4; Song Sparrow, 1. **Total,** 19 species; about 182 individuals.—Clarence Paulson.

343. **Watertown, Wis.** (all areas in and around Watertown).—Dec. 31; 7:30 a.m. to 5:30 p.m.; temp. 29° to 18°; wind NW, 20-25 m.p.h. Three observers in 2 parties. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 34 (8 on foot, 26 by car). Mallard, 70; **Pintail, 1**; Am. Golden-eye, 10; Red-tailed Hawk, 7; Marsh Hawk, 1; European Partridge, 6; Bob-white, 6; Ring-necked Pheasant, 4; Herring Gull, 1; Mourning Dove, 5; Screech Owl, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 1; Am. Crow, 750; Black-capped Chickadee, 3; White-breasted Nuthatch, 4; Brown Creeper, 1; Am. Robin, 1; Golden-crowned Kinglet, 9; Common Starling, 550; House Sparrow, 600; Cardinal, 1; Am. Goldfinch, 1; Slate-colored Junco, 200; Am. Tree Sparrow, 350; Song Sparrow, 4; Snow Bunting, 1. **Total,** 29 species; about 2594 individuals. (Seen count period: Eastern Meadowlark.)—Glenn Niere, Gordon L. Paeske (compiler), Charles T. Yeomans.

344. **Waukesha, Wis.** (15-mile diameter, including Waukesha parks, southwest to Kettle Moraine State Forest, Fox River valley to Mukwonago Marsh and Saylesville, south to Mukwonago, north to south shore of Pewaukee Lake, west to Dousman; open farmlands 45%, deciduous farm woodlots 36%, tamarack swamp 4%, grassy marsh 14%, parks and coniferous plantings 1%).—Dec. 30; 7 a.m. to 5 p.m.; temp. 5° to 30°; wind SW, 28 m.p.h.; ground with small amount of snow, lakes and ponds frozen, small streams partly open. Nineteen observers in 7 parties. Total party-hours, 43 (15 on foot, 28 by car); total party-miles, 384 (29 on foot, 355 by car). **Great Blue Heron, 1**; Mallard, 12; Black Duck, 78; **Wood Duck, 1**; Am. Golden-eye, 1; Cooper's Hawk, 1; Red-tailed Hawk, 28; Rough-legged Hawk, 5; Marsh Hawk, 6; Sparrow Hawk, 2; Ring-necked Pheasant, 31; **Virginia Rail, 1**; Wilson's Snipe, 3; Herring Gull, 22; Mourning Dove, 142; Horned Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 1; Hairy Woodpecker, 15; Downy Woodpecker, 48; Horned Lark, 12 (2 Prairie); Blue Jay, 31; Am. Crow, 889; Black-capped Chickadee, 90; Tufted Titmouse, 2; White-breasted Nuthatch, 20; Brown Creeper, 1; Golden-crowned Kinglet, 3; Gray Shrike, 4; Common Starling, 956; House Sparrow, 1722; Eastern Meadowlark, 88; Red-winged Blackbird, 181; Brewer's Blackbird, 2; Cardinal, 36; Purple Finch, 19; Am. Goldfinch, 151; Slate-colored Junco, 914; Oregon Junco, 3; Am. Tree Sparrow, 2910; White-throated Sparrow, 1; Swamp Sparrow, 2; Song Sparrow, 23. **Total,** 45 species (1 additional subspecies); about 8146 individuals. (Pied-billed Grebe, Am. Coot, Rusty Blackbird seen count period.)—Robert Adams (compiler), Fred Alyea, Clarence Anthes, Olive Compton, Ron Cuthbert, Richard Gerstner, Paul Hoffman, Em Hoffman, Mary Nelson, Spencer Nelson, Lydia Schwartz, Tom Soulen, Walter Wallman, Peter Weber, Larry Williams, Ernest Zimmerman (Benjamin F. Goss Bird Club).

345. **Wisconsin Dells, Wis.** (Lake Delton, Wisconsin Dells, east side of Wisconsin River north to Highway 82, east to Big Spring Marsh; deciduous woods 30%, fields 20%, Jack Pines woods 20%, marsh 10%, river banks 10%, residential 10%).—Dec. 24; 6:45 a.m. to 4:15 p.m. Overcast, light snow; temp. 26° to 30°; wind NW, 5-15 m.p.h.; 3-5-in. snow, Wisconsin River and most creeks open. One observer. Total hours, 9 (4 on foot, 5 by car); total miles, 93 (4 on foot, 89 by car). Mallard, 67; Am. Golden-eye, 10; Red-tailed Hawk, 1; **Sparrow Hawk, 1**; Ruffed Grouse, 4; Bob-white, 16; Ring-necked Pheasant, 5; Mourning Dove, 24 (3 places); Horned Owl, 4; Belted Kingfisher, 2; Pileated Woodpecker, 3; Red-bellied Woodpecker, 4; Hairy Woodpecker, 9; Downy Woodpecker, 14; Blue Jay, 39; Am. Crow, 37; Black-capped Chickadee, 39; White-breasted Nuthatch, 20; Golden-crowned Kinglet, 2; Gray Shrike, 1; Common Starling, 9; House Sparrow, 183; Cardinal, 34; Purple Finch, 2; Am. Goldfinch, 525; Slate-colored Junco, 81; **Oregon Junco, 1**; Am. Tree Sparrow, 101. **Total,** 28 species; about 1238 individuals.—Sam Robbins.

346. **Afton, Minn.** (7½-mile radius centering in Afton making semicircle on west side of St. Croix River; open farmland 70%, deciduous wooded river banks, hills and valleys 30%).—Dec. 22; 8 a.m. to 4:30 p.m. Snow, rain, fog; temp. 31° to 33°; wind ESE, 8 m.p.h.; snow in wooded areas, St. Croix River open in spots. Three observers in 1 party. Total party-hours, 8½ (6½ on foot, 2 by car); total party-miles, 52 (8 on foot, 44 by car). Whistling Swan, 1; Mallard, 184; Am. Golden-eye, 37; **Ruddy Duck, 1**; Am. Merganser, 33; Bald Eagle, 3; Ruffed Grouse, 8; Ring-necked Pheasant, 9; **Am. Coot, 1**; Red-bellied Woodpecker, 1; Downy Woodpecker, 15; Blue Jay, 9; Am. Crow, 5; Black-capped Chickadee, 45; Tufted Titmouse, 1; White-breasted Nuthatch, 12; Red-breasted Nuthatch, 2; Cedar Waxwing, 1; House Sparrow, 83; Cardinal, 9; Slate-colored Junco, 17; **Oregon Junco, 1** (at feeder); Am. Tree Sparrow, 14. **Total,** 23 species; about 492 individuals. (Seen in area count period: Sparrow Hawk, Snowy Owl, Pileated Woodpecker, Hairy Woodpecker, Am. Goldfinch.) [Exceptionally neat, carefully prepared report —Ed.]—Oliver Charley, Mr. and Mrs. Boyd M. Lien (compilers).

347. **Duluth, Minn.** Duluth Parks, St. Louis River shore, Minnesota Point; city parks 20%, sand bars 5%, streets, roads and trails 75%).—Dec. 30; 7:30 a.m. to 4 p.m.; temp. 20° to 26°; wind calm; 3-6-in. snow in woods. Twelve observers in 6 parties. Total party-hours, 42 (30 on foot, 12 by car); total party-miles, 110 (18 on foot, 92 by car). Lesser Scaup, 4; Am. Golden-eye, 64; Ruffed Grouse, 9; Ring-necked Pheasant, 5; Herring Gull, 710; Ring-billed Gull, 17; Horned Owl, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 49; Blue Jay, 26; Common Raven, 9; Black-capped Chickadee, 68; White-breasted Nuthatch, 1; Am. Robin, 1; Cedar Waxwing, 6; Common Starling, 106; House Sparrow, 54; Cardinal, 1; Evening Grosbeak, 49; Pine Grosbeak, 59; White-

winged Crossbill, 2; Snow Bunting, 5. **Total,** 24 species; about 1252 individuals.—Joel Bronoel, Bob Cohen, Richard Evans, O. A. Finseth (compiler), Henry Gilbert, Pershing Hofslund, Gerry Kuyava, John Hale, Mrs. W. J. McCabe, Catherine Roberts, Robert Ulvang, W. Ulvang.

348. **Excelsior, Minn.** (7½-mile radius centering 1 mile southeast of Chanhassen, including areas about Lake Minnetonka, Glen Lake, Minnesota River, Chaska, Shakopee, Christmas Lake; pasture and open fields 40%, deciduous woodland and planted evergreens 30%, open water 1%, ravines, frozen river, lake, marsh 29%).—Dec. 29; 7:30 a.m. to 4 p.m. Overcast, occasional light snow; temp. 21° to 25°; wind E, 3-13 m.p.h.; light covering of old snow, open water in small creeks and some areas in river. Eleven observers in 6 parties. Total party-hours, 35 (9 on foot, 26 by car); total party-miles, 312 (11 on foot, 301 by car). Mallard, 4; Am. Merganser, 3; Red-tailed Hawk, 1; Ring-necked Pheasant, 16; Pileated Woodpecker, 4; Red-bellied Woodpecker, 3; Hairy Woodpecker, 17; Downy Woodpecker, 40; Blue Jay, 44; Am. Crow, 4; Black-capped Chickadee, 147; White-breasted Nuthatch, 47; Brown Creeper, 6; Ruby-crowned Kinglet, 1; Gray Shrike, 2; Common Starling, 246; House Sparrow, 3221; Red-winged Blackbird, 111; Brown-headed Cowbird, 1; Cardinal, 16; Purple Finch, 29; Am. Goldfinch, 45; Slate-colored Junco, 74; **Oregon Junco, 2**; Am. Tree Sparrow, 190; White-throated Sparrow, 2. **Total,** 26 species; about 4276 individuals.—Lester R. Badger, Ray Glassel, Josephine Herz (compiler), Malvin E. Herz, Michael Herz, Edward Morse, Mrs. George L. Peterson, John Scott, Mr. and Mrs. Philip D. Tryon, J. W. Wilkie.

349. **Minneapolis, Minn.** (area 2½ miles wide extending along Highway 65 from Minnehaha Parkway out Lyndale to Minnesota River; both sides of river to Minneapolis Auto Club; open country and marshlands 80%, lakes and river 15%, residential 5%).—Dec. 27; 8 a.m. to 4 p.m. Fair to partly cloudy; temp. 28° to 40°; wind S, 10 m.p.h. Four observers in 1 party. Total party-hours, 25 (5 on foot, 20 by car); total party-miles, 32 (7 on foot, 25 by car). Goshawk, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 2; Blue Jay, 3; Black-capped Chickadee, 5; White-breasted Nuthatch, 1; Common Starling, 50+; House Sparrow, 217; Rusty Blackbird, 1; Cardinal, 2; Slate-colored Junco, 11; Am. Tree Sparrow, 7; Snow Bunting, 50. **Total,** 15 species; about 353 individuals.—Mary Lupient (compiler).

350. **Minneapolis (north), Minn.** (7½-mile radius from Camden Park to Anoka, both sides of Mississippi River; open farmland 50%, town suburbs 31%, deciduous farm woodlots 15%, deciduous river banks and valleys 2%, marshes and sloughs 2%.)—Dec. 30; 8 a.m. to 4:30 p.m. Cloudy; temp. 24° to 43°; wind WNW, 16 m.p.h.; little snow, practically all creeks with open water, Mississippi River open below Coon Creek Dam. Fifteen observers in 6 parties. Total party-hours, 31 (10 on foot, 21 by car); total party-miles, 216 (21 on foot, 195 by car). Mallard, 5; Am. Golden-eye, 79; Sparrow Hawk, 2; Ring-necked Pheasant, 92; Herring Gull, 1; Barred Owl, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 12; Downy Woodpecker, 8; Blue Jay, 77; Am. Crow, 22; Black-capped Chickadee, 33; White-breasted Nuthatch, 21; Gray Shrike, 1; Common Starling, 376; House Sparrow, 523; Cardinal, 2; Am. Goldfinch, 3; Slate-colored Junco, 20; **Oregon Junco, 2** (C.W.); Am. Tree Sparrow, 15. **Total,** 21 species; about 1296 individuals. [Exceptionally neat, carefully prepared report—Ed.]—Mr. and Mrs. Arthur Anderson, Amy Chambers, Mrs. Edith Farrand, Mr. and Mrs. Edward Harms, O. V. Johnson, Mr. and Mrs. Boyd M. Lien (compilers), Florence Messer, Mr. and Mrs. Charles Wiberg, Charles F. Wright, Kris Wright, Robin Wright (Minneapolis Bird Club).

351. **Minneapolis (west), Minn.** (7½-mile radius centering on Minneapolis Golf Course, extending to junction of Highways 55 and 101, Robbinsdale, Edina, Hopkins, and including Theodore Wirth Park and Roberts Bird Sanctuary; town suburbs 45%, open farmland 25%, deciduous woodlots 17%, lakes, marshes, and creeks 8%, city park and golf course 5%).—Dec. 30; 8 a.m. to 5 p.m. Cloudy; temp. 28° to 43°; wind SW to WNW, 17 m.p.h.; less than 1-in. snow on ground, portions of most creeks open, part of Lake Harriet open. Ten observers in 5 parties. Total party-hours, 33 (12 on foot, 21 by car); total party-miles, 248 (16 on foot, 232 by car). Mallard, 462; Black Duck, 4; Pintail, 1; Lesser Scaup, 2; Am. Golden-eye, 2; Am. Merganser, 2; Red-tailed Hawk, 2; Sparrow Hawk, 4; Ring-necked Pheasant, 110; Am. Coot, 3; Horned Owl, 2; Barred Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 10; Downy Woodpecker, 10; Blue Jay, 26; Am. Crow, 19; Black-capped Chickadee, 64; White-breasted Nuthatch, 28; Red-breasted Nuthatch, 2; Brown Creeper, 3; Am. Robin, 2; Cedar Waxwing, 2; Gray Shrike, 2; Common Starling, 228; House Sparrow, 1803; Cardinal, 18; Purple Finch, 32; Am. Goldfinch, 62; Slate-colored Junco, 59; Am. Tree Sparrow, 71; Song Sparrow, 3. **Total,** 32 species; about 3040 individuals.—Jeremy Berman, Mr. and Mrs. George Fisher, J. S. Futcher (compiler), Ray Glassel, Burton Guttman, Jeanette Jackman, William Pieper, Charles Wright, Kris Wright (Avifaunal Club).

352. **Northfield, Minn.** (same area as last year).—Dec. 22; 7:30 a.m. to 3:30 p.m. Heavy overcast, light mist a.m.; temp. 31° to 35°; wind ESE, 7-10 m.p.h.; little snow on ground, Cannon River open, lakes and ponds frozen. Three observers in 1 party. Total party-hours, 8 (4 on foot, 4 by car); total party-miles, 40 (10 on foot, 30 by car). Red-shouldered Hawk, 1; Ring-necked Pheasant, 3; Horned Owl, 1; Snowy Owl, 1; Belted Kingfisher, 6; Pileated Woodpecker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 2; Blue Jay, 15; Am. Crow, 10; Black-capped Chickadee, 28; Tufted Titmouse, 6; White-breasted Nuthatch, 12; Gray Shrike, 1; Common Starling, 1000+; House

Sparrow, 1000+; Cardinal, 14; Am. Goldfinch, 20; Slate-colored Junco, 50; Am. Tree Sparrow, 24. **Total,** 21 species; about 2202 individuals.—Orwin A. Rustad (compiler).

353. St. Paul (north), Minn. (same area as last year; pine forest 40%, spruce–balsam–cedar 10%, Tamarack 5%, open fields 10%, deciduous woods 15%, farm woodlots 10%, marshes 10%).—Dec. 29; 7:30 a.m. to 4:30 p.m. Cloudy, some snowfall, clearing 4 p.m.; temp. 23° to 25°; wind NE, 10-12 m.p.h.; 1-in. snow in open, more in woods, lakes ice-bound except where canals empty into lakes. Eight observers in 3-4 parties. Total party-hours, 30 (16 on foot, 14 by car); total party-miles, 54 (16 on foot, 38 by car). Mallard, 5; Black Duck, 1; Am. Golden-eye, 14; Red-tailed Hawk, 1; Ruffed Grouse, 3; Ring-necked Pheasant, 22; Wilson's Snipe, 2; Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 10; Blue Jay, 35; Am. Crow, 8; Black-capped Chickadee, 120; Tufted Titmouse, 2; White-breasted Nuthatch, 20; Red-breasted Nuthatch, 4; Brown Creeper, 1; Golden-crowned Kinglet, 14; Common Starling, 25; House Sparrow, 110; Cardinal, 19; Purple Finch, 35; Pine Siskin, 3; Slate-colored Junco, 38; Am. Tree Sparrow, 5; Snow Bunting, 3. **Total,** 29 species; about 508 individuals. (Seen official count period: Canvas-back, Am. Merganser, Gray Shrike.)—James Berry, Mrs. R. Holliday, Frank Kelley, P. Nightingale, Brother Pius, A. C. Rosewinkel (compiler), Richard Ryan, David Thurston (St. Paul Audubon Society).

354. St. Paul (south), Minn. (15 miles on west bank road of Minnesota River and east bank road of Mississippi River, including Izaak Walton Bass Ponds, St. Paul Sewage Plant; wooded river banks 40%, open cultivated fields 30%, river front 20%, misc. 10%).—Jan. 1; 8 a.m. to 4 p.m. Mostly fair; temp. −5° to 8°; wind NW, 4-10 m.p.h.; ground mostly bare. Three observers in 1 party. Total party-hours, 8 (5 on foot, 3 by car); total party-miles, 45 (5 on foot, 40 by car). Mallard, 52; Black Duck, 10; Pintail, 1; Am. Golden-eye, 265; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 11; Killdeer, 1; Wilson's Snipe, 8; Herring Gull, 2; Pileated Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 7; Blue Jay, 1; Am. Crow, 2; Black-capped Chickadee, 12; Tufted Titmouse, 3; White-breasted Nuthatch, 10; Common Starling, 25; House Sparrow, 200; Cardinal, 3; Am. Goldfinch, 3; Am. Tree Sparrow, 35. **Total,** 23 species; about 659 individuals.—John A. Hall (compiler), Frank Kelly, Richard W. Ryan.

355. Walker, Minn. (same area as last year including Becker's Hilltop Sanctuary).—Dec. 30; 8 a.m. to 4 p.m. Cloudy; temp. 24° to 32°; wind NW, 15 m.p.h.; lakes frozen, 6-in. light snow. Four observers in 2 parties. Total party-hours, 16 (10 on foot, 6 by car); total party-miles, 55 (5 on foot, 50 by car). Ruffed Grouse, 4; Pileated Woodpecker, 1; Hairy Woodpecker, 10; Downy Woodpecker, 7; Blue Jay, 34; Black-capped Chickadee, 45; Brown-capped Chickadee, 1; White-breasted Nuthatch, 15; Brown Creeper, 2; **Ruby-crowned Kinglet, 2** (no details—Ed.); Common Starling, 20; House Sparrow, 60; Evening Grosbeak, 230; Common Redpoll, 12; Slate-colored Junco, 2; Am. Tree Sparrow, 3; Snow Bunting, 15. **Total,** 17 species; about 463 individuals.—Paul Becker, Mrs. Paul Becker, Harold R. Hanson (compiler), Stanton Oman.

356. Cedar Falls, Iowa (Snag Creek, Beaver Creek, Union Bridge, Wyth Park, Leland's Pasture; riverbottom forest 60%, upland forest 5%, savannah 10%, fields and prairies 25%).—Dec. 29; 8:15 a.m. to 4:45 p.m. Cloudy, occasional light snow; temp. 30°; wind E, 1-5 m.p.h.; 1-4-in. snow on ground, ponds frozen, rivers and creeks half open. Four observers in 2 parties. Total party-hours, 12 (9 on foot, 3 by car); total party-miles, 75 (19 on foot, 56 by car). Mallard, 7; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 24; Horned Owl, 1; Barred Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 17; Hairy Woodpecker, 16; Downy Woodpecker, 38; Blue Jay, 37; Am. Crow, 230; Black-capped Chickadee, 131; Tufted Titmouse, 5; White-breasted Nuthatch, 47; Brown Creeper, 5; Cedar Waxwing, 2; Gray Shrike, 1 (carefully identified); Common Starling, 208; House Sparrow, 428; Eastern Meadowlark, 22; Purple Grackle, 5; Cardinal, 69; Purple Finch, 3; Am. Goldfinch, 3; Slate-colored Junco, 154; Am. Tree Sparrow, 101; Song Sparrow, 3. **Total,** 31 species; about 1571 individuals.—Martin L. Grant (compiler), Russell Hays, Ruth Mahon, Beulah Rugg.

357. Clinton, Iowa (7½-mile radius centering on Iowa bank of Mississippi River 7 miles north of Clinton–Fulton Bridge, including Lock No. 13 and Spring Lake Refuge in Illinois, and Eagle Point Park in Iowa; open farmland 45%, deciduous woodland 30%, river shoreline 10%, coniferous woodland 10%, residential 5%).—Dec. 29; 7:30 a.m. to 4:30 p.m. Cloudy to overcast, snow flurries; temp. 22° to 30°; wind NW, 0-5 m.p.h.; ground covered with light snow, river about quarter open. Five observers in 2 parties. Total party-hours, 16 (5 on foot, 11 by car); total party-miles, 162 (7 on foot, 155 by car). Mallard, 323; Black Duck, 6; Pintail, 5; Am. Golden-eye, 2; Am. Merganser, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 28; Red-shouldered Hawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 11; Bob-white, 47; Herring Gull, 3; Mourning Dove, 34; Long-eared Owl, 5; Belted Kingfisher, 1; Yellow-shafted Flicker, 9; Red-bellied Woodpecker, 9; Hairy Woodpecker, 8; Downy Woodpecker, 22; Horned Lark, 3; Blue Jay, 25; Am. Crow, 109; Black-capped Chickadee, 36; Tufted Titmouse, 19; White-breasted Nuthatch, 11; Brown Creeper, 2; Winter Wren, 3; Carolina Wren, 5; Golden-crowned Kinglet, 6; **Ruby-crowned Kinglet, 1 (M.W.)**; Common Starling, 147; House Sparrow, 593; Eastern Meadowlark, 4; Cardinal, 65; Am. Goldfinch, 45; Slate-colored Junco, 260; Am. Tree Sparrow, 946; **Field Sparrow, 1 (M.W.)**; Song Sparrow, 8. **Total,** 39 species; about 2808 individuals.

—Louis Blevins, James Lewis, Edwin Meyer, Peter Petersen, Jr. (compiler), Maurice Ward.

358. **Davenport, Iowa** (same area as last year).—Dec. 30; 6 a.m. to 5:30 p.m. Overcast, clearing p.m.; temp. 24° to 47°; wind SE to SW, 9-29 m.p.h.; 1-in. snow on ground, melting in afternoon, rivers 90% open, sloughs and marshes frozen. Fifty-two observers in 18 parties. Total party-hours, 103 (64 on foot, 39 by car); total party-miles, 602 (103 on foot, 499 by car). Great Blue Heron, 2; Mallard, 135; Redhead, 1; Ring-necked Duck, 2; Canvas-back, 8; Lesser Scaup, 143; Am. Golden-eye, 269; Buffle-head, 2; **Old-squaw, 2**; **White-winged Scoter, 1** (carefully identified); Hooded Merganser, 3; Am. Merganser, 212; Red-breasted Merganser, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 46; Red-shouldered Hawk, 13; Rough-legged Hawk, 8; Bald Eagle, **84**; Marsh Hawk, 5; Sparrow Hawk, 7; Bob-white, 60; Ring-necked Pheasant, 31; Killdeer, 2; Wilson's Snipe, 3; Herring Gull, 866; Ring-billed Gull, 216; Mourning Dove, 66; Screech Owl, 1; Horned Owl, 7; Barred Owl, 3; Short-eared Owl, 3; Belted Kingfisher, 5; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 53; Red-headed Woodpecker, 9; Hairy Woodpecker, 43; Downy Woodpecker, 127; Horned Lark, 154; Blue Jay, 152; Am. Crow, 867; Black-capped Chickadee, 232; Tufted Titmouse, 130; White-breasted Nuthatch, 113; Red-breasted Nuthatch, 1; Brown Creeper, 7; Carolina Wren, 2; Am. Robin, 4; **Varied Thrush, 1** (daily visitor to feeder since Dec. 18); Eastern Bluebird, 7; Golden-crowned Kinglet, 24; Cedar Waxwing, 35; Common Starling, 3485; House Sparrow, 2134; meadowlark (sp.), 23; Red-winged Blackbird, 1015; Purple Grackle, 23; Cardinal, 288; Purple Finch, 3; Am. Goldfinch, 55; Slate-colored Junco, 1148; Am. Tree Sparrow, 1369; White-crowned Sparrow, 6; White-throated Sparrow, 7; Swamp Sparrow, 7; Song Sparrow, 104. **Total,** 66 species; about 13,857 individuals. (Seen in area count period: Double-crested Cormorant, Rusty Blackbird, Brown-headed Cowbird). [Exceptionally neat, carefully prepared report with excellent details for all unusual observations—Ed.]—A. Lang Baily (compiler), Lewis Blevins, Harry Carl, Fred Cook, Dorothy Cowley, Dale Dickinson, Leo Doering, Clark Ehlers, Elton Fawks, Patty Fawks, Don Garrett, Mr. and Mrs. Floyd Gold, Ivan Graham, Jeanette Graham, Dick Greer, May Greer, Ted Greer, Ted Greer, Jr., Mr. and Mrs. C. C. Hazard, Beverly Hodges, James Hodges, Frances B. Johnson, Dave Krause, James Krause, Jim Lewis, Mrs. Frank Marquis, Alice Mattson, Jerry McConoughey, Edwin E. Meyer, Don O'Hern, Pete Petersen, Jr., Mr. and Mrs. Don Price, Irma C. Romans, Joe Rowley, Tom Rowley, Florence Rush, Paul Salstrom, Dennis Sheets, Chuz Stewart, Kent Stewart, Don Swensson, Al Tate, Bill Tate, Ralph Tate, Bob Trial, Bengt Von Rosen, John Warren, William Wulff, Fredricka Youngert (Tri-City Bird Club).

359. **Decorah, Iowa** (7½-mile radius centering on NE corner Sec. 24-99-8, including Upper Iowa River, Canoe and Bear Creeks, Twin Springs, Decorah, Highlandville; river and creek bottoms 40%, open fields 40%, brush and timber 15%, city 5%).—Dec. 29; 8 a.m. to 4 p.m. Cloudy, snow flurries; temp. 21° to 29°; wind E to NE, 1-3 m.p.h.; ground bare to 3-in. snow, river mostly frozen, fresh-water creeks open. Twenty-one observers in 4 parties. Total party-hours, 30 (24 on foot, 6 by car); total party-miles, 151 (27 on foot, 124 by car). Mallard, 801; Lesser Scaup, 5; Red-tailed Hawk, 7; Rough-legged Hawk, 1; Ruffed Grouse, 4; Ring-necked Pheasant, 36; Wilson's Snipe, 1; Mourning Dove, 2; Belted Kingfisher, 14; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 20; Hairy Woodpecker, 13; Downy Woodpecker, 32; Blue Jay, 42; Am. Crow, 100; Black-capped Chickadee, 102; Tufted Titmouse, 23; White-breasted Nuthatch, 49; Brown Creeper, 3; Winter Wren, 2; Am. Robin, 1; Common Starling, 185; House Sparrow, 884; meadowlark (sp.), 5; Cardinal, 285; Purple Finch, 2; Am. Goldfinch, 5; Slate-colored Junco, 113; Am. Tree Sparrow, 366; **Field Sparrow, 2** (all field marks); Song Sparrow, 12. **Total,** 32 species; about 3119 individuals.—Vernon Bahr, Mr. and Mrs. Alden Bauder, Marietta Bauder, Maybelle H. Brown, Bob Daubendiek, Andy Daubendiek, Nanette Forde, Angie Henning, Mrs. B. T. Henning, Darrell Henning, Tom Henning, Sherman Hoslett, James Lange, Mr. and Mrs. V. Moe, Arthur J. Palas (compiler), Fritz R. Palas, Robert Pfister, Joyce Schissel, Margaret Walker.

360. **Des Moines, Iowa** (same area as last year; deciduous woodland 60%, open fields 25%, water and riverside 10%, coniferous woodlands 5%).—Dec. 22; 8 a.m. to 5 p.m. Fog, mist and light rain; temp. 39° to 40°; wind W to NE, 5-10 m.p.h. Twenty-three observers in 5 parties. Total party-hours, 37 (24 on foot, 13 by car); total party-miles, 124 (24 on foot, 100 by car). Mallard, 3500; Black Duck, 3; Lesser Scaup, 2; Am. Golden-eye, 4; Ruddy Duck, 5; Am. Merganser, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Sparrow Hawk, 4; Bob-white, 4; Ring-necked Pheasant, 1; Am. Coot, 5; Mourning Dove, 27; Barred Owl, 3; Belted Kingfisher, 4; Yellow-shafted Flicker, 17; Red-bellied Woodpecker, 20; Hairy Woodpecker, 12; Downy Woodpecker, 62; Blue Jay, 24; Am. Crow, 82; Black-capped Chickadee, 156; Tufted Titmouse, 60; White-breasted Nuthatch, 64; Brown Creeper, 5; Winter Wren, 3; Carolina Wren, 2; Am. Robin, 3; Eastern Bluebird, 1; Common Starling, 508; House Sparrow, 735; Cardinal, 114; Purple Finch, 2; Am. Goldfinch, 108; Slate-colored Junco, 114; Am. Tree Sparrow, 186; Harris's Sparrow, 2; Song Sparrow, 35. **Total,** 38 species; about 5884 individuals. (Seen official count period: Pintail, Horned Owl, Horned Lark, Brown Thrasher, meadowlark (sp.), Purple Grackle, Swamp Sparrow.)—Albert C. Berkowitz, Mrs. Ruth Binsfeld, Mrs. Dwight Brooke, Carl Brown, Woodward H. Brown, Ruth Chapman, Philip Clampitt, Mrs. Frank Eyerly, Mrs. Gladys Haskell, Joe Kennedy, Gary Kline, Mrs. Russell Nicholson, Robert Norton, Dr. and Mrs. Harold Peasley, Lee Roy Porter, Irene Smith, Bruce F. Stiles, Floy Vest, Mary Ellen Warters,

Mrs. Toni Wendelburg, Lynn Willcockson (compiler).

361. **Dubuque, Iowa** (Linwood and Mt. Calvary Cemeteries, Eagle Point Park, Mississippi River sloughs, and Sinope Creek area in Wisconsin; open fields 10%, coniferous woodlands 15%, deciduous woodlands 40%, river sloughs 35%).—Dec. 30; 7:30 a.m. to 3:30 p.m. Cloudy with fog, then clearing; temp. 22° to 32°; wind S, 10 m.p.h.; 2-in. old snow, river open below dam. Eleven observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 10 (7 on foot, 3 by car). Am. Goldeneye, 1; Am. Merganser, 17; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Bald Eagle, 2; Killdeer, 1; Belted Kingfisher, 2; Pileated Woodpecker, 1; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 10; Horned Lark, 2; Blue Jay, 5; Am. Crow, 3; Black-capped Chickadee, 8; Tufted Titmouse, 6; White-breasted Nuthatch, 7; Golden-crowned Kinglet, 2; Common Starling, 14; House Sparrow, 61; Western Meadowlark, 1; Cardinal, 12; Am. Goldfinch, 4; Slate-colored Junco, 42; Am. Tree Sparrow, 98; Song Sparrow, 1. **Total,** 27 species; 311 individuals. (Seen count period: Red-breasted Nuthatch, Brown Creeper, Pine Siskin.)—George E. Crossley (compiler), Beverly Datisman, Edna Dierks, Deid Dierks, Naurine Dierks, Michelle Gollobitz, Clifford O. Johnson, R. K. Lampe, Mrs. R. K. Lampe, Phyllis Shultz, Imelda Wunderlich (Dubuque Audubon Club).

362. **Humboldt County, Iowa** (7½-mile radius centering on southeast corner of section 33, Grove Township, including Thor, Hardy, areas along East Des Moines River; open farmland 47%, deciduous woodland 25%, drainage ditches 14%, farmyards 14%).—Dec. 31; 7:30 a.m. to 4:30 p.m. Partly cloudy to cloudy; temp 30° to 42°; wind NW, 2-10 m.p.h.; ground bare except for crusted snow in sheltered areas. One observer. Total hours, 9 (6 on foot, 3 by car); total miles, 62 (8 on foot, 54 by car). Sparrow Hawk, 1; Ring-necked Pheasant, 56; Horned Owl, 3; Yellow-shafted Flicker, 7; Red-bellied Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 6; Blue Jay, 1; Am. Crow, 103; Black-capped Chickadee, 41; Tufted Titmouse, 1; White-breasted Nuthatch, 13; shrike (sp.), 1; Common Starling, 152; House Sparrow, 173; Western Meadowlark, 14; Cardinal, 4; Am. Goldfinch, 13; Slate-colored Junco, 6; Am. Tree Sparrow, 33; Harris's Sparrow, 1; Song Sparrow, 1; Lapland Longspur, 175. **Total,** 23 species; about 807 individuals.—Dennis L. Carter.

363. **Iowa City, Iowa** (same area as previous years; open farmlands 45%, deciduous woodland 45%, coniferous woodland 10%).—Dec. 29; 7 a.m. to 5 p.m. Cloudy, snow flurries all day; temp. 22° to 34°; wind SE, 0-3 m.p.h.; 2-in. fresh snow, river partly frozen and very low, no ponds due to drought. Six observers in 1 party. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 60 (10 on foot, 50 by car). Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 6; Sparrow Hawk, 1; Bob-white, 21; Ring-necked Pheasant, 1; Mourning Dove, 31; Horned Owl, 1; Barred Owl, 3; Long-eared Owl, 1; Short-eared Owl, 3; Saw-whet Owl, 1; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 6; Hairy Woodpecker, 6; Downy Woodpecker, 16; Horned Lark, 41; Blue Jay, 5; Am. Crow, 19; Black-capped Chickadee, 20; Tufted Titmouse, 23; White-breasted Nuthatch, 21; Carolina Wren, 1; Gray Shrike, 3; Common Starling, 6059; House Sparrow, 5260; Eastern Meadowlark, 52; Western Meadowlark, 25; Purple Grackle, 1; Cardinal, 55; Am. Goldfinch, 10; Slate-colored Junco, 82; Am. Tree Sparrow, 203; White-crowned Sparrow, 8 (Gambel's, 3); Song Sparrow, 2. **Total,** 36 species (1 additional subspecies); about 11,999 individuals.—F. W. Kent (compiler), Dr. and Mrs. P. P. Laude, R. W. Loehning, Mr. and Mrs. Stewart McDonald.

364. **Mount Vernon, Iowa** (same area as last year).—Dec. 29; 7:45 a.m. to 12:45 p.m. and 1 p.m. to 4 p.m. Partly cloudy; temp. 25° to 33°; wind WSW to W, 2-10 m.p.h.; light snow on ground and occasional light snow falling, main channel of Red Cedar River open. One observer. Total hours, 8 (6½ on foot, 1½ by car); total miles, 49 (11 on foot, 38 by car). Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 11; Mourning Dove, 22; Horned Owl, 2; Belted Kingfisher, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 8; Horned Lark, 4; Blue Jay, 4; Am. Crow, 9; Black-capped Chickadee, 7; Tufted Titmouse, 6; White-breasted Nuthatch, 4; Winter Wren, 1; Common Starling, 49; House Sparrow, 345; meadowlark (sp.), 7; Rusty Blackbird, 3; Cardinal, 9; Slate-colored Junco, 27; Am. Tree Sparrow, 51. **Total,** 24 species; about 579 individuals. (Seen in area count period: Bald Eagle, Yellow-shafted Flicker.)—J. Harold Ennis.

365. **Shenandoah, Iowa** (7½-mile radius centering approximately at Farragut; river woods 20%, open woods, fields, orchards 30%, open farmland and prairie 50%).—Dec. 30; 7 a.m. to 5:15 p.m. Partly cloudy early, then clear; temp. 29° to 62°; wind SW, 1-3 m.p.h.; ponds and streams partly open, open areas in river. Seven observers in 3 parties. Total party-hours, 19 (13 on foot, 6 by car); total party-miles, 189 (14 on foot, 175 by car). Snow Goose, 12; Mallard, 104; Red-tailed Hawk, 10; Red-shouldered Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 18; Ring-necked Pheasant, 2; **Wilson's Snipe,** 1; Mourning Dove, 12; Barred Owl, 1; Yellow-shafted Flicker, 11; **Red-shafted Flicker,** 1 (first local record); Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 31; Horned Lark, 5; Blue Jay, 17; Am. Crow, 160; Black-capped Chickadee, 101; Tufted Titmouse, 9; White-breasted Nuthatch, 8; Brown Creeper, 2; Gray Shrike, 5; Common Starling, 225; House Sparrow, 365; Eastern Meadowlark, 53; Western Meadowlark, 4; Red-winged Blackbird, 4; Rusty Blackbird, 6; Brewer's Blackbird, 50; Cardinal, 37; Am. Goldfinch, 73; Slate-colored Junco, 169; Am. Tree Sparrow, 412;

Harris's Sparrow, 24; White-crowned Sparrow, 6; **Lincoln's Sparrow, 1** (studied at close range—Mrs. R.B.); Song Sparrow, 26. **Total,** 39 species; about 1977 individuals.—Mrs. Robert Bordner, Francis M. Braley, Mrs. Francis M. Braley, William H. Collins, Mrs. William H. Collins (compiler), Edward C. Vaughn, Mrs. Edward C. Vaughn.

366. **Sioux City, Iowa** (Gordon Drive, Riverside Park, Sioux River Road to Highway 12, Logan Park, Graceland Cemetery, Brown's Lake, Stone Park, Half Moon Lake, Trinity College; hilly woodland and park 40%, wooded stream 15%, coniferous cemetery 10%, open field and marsh 25%, city and suburban 10%). —Dec. 30; 8 a.m. to 5 p.m. Clear; temp. 30° to 51°; wind SW, 10-15 m.p.h.; ground bare except in protected areas, lakes frozen, rivers open in places. Thirteen observers in 7 parties. Total party-hours, 29 (10 on foot, 19 by car); total party-miles, 172 (15 on foot. 157 by car). Mallard, 1; Cooper's Hawk, 2; Red-tailed Hawk, 9; Sparrow Hawk, 3; Bob-white, 20; Ring-necked Pheasant, 37; Mourning Dove, 2; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 9; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 19; Downy Woodpecker, 49; Blue Jay, 6; Am. Crow, 240; Black-capped Chickadee, 240; White-breasted Nuthatch, 36; Brown Creeper, 5; Winter Wren, 1; Am. Robin, 1; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 10; Common Starling, 301; House Sparrow, 626; Western Meadowlark, 5; Red-winged Blackbird, 1; Purple Grackle, 8; Cardinal, 45; Am. Goldfinch, 354; Slate-colored Junco, 201; Am. Tree Sparrow, 393; Harris's Sparrow, 43; White-throated Sparrow, 10; Song Sparrow, 1. **Total,** 33 species; about 2698 individuals.—Mr. and Mrs. W. W. Barrett, P. B. Davidson, Mr. and Mrs. Darrell Hanna, Rawse Jensen, Mr. and Mrs. George Marsh, L. J. Nickolson, Robert Nickolson (compiler), J. L. Schott, A. C. Starry, Gertrude Weaver (Sioux City Bird Club).

367. **Tripoli, Iowa** (Sweet Marsh Refuge, Wapsipinicon River southeast into Black Hawk Co.; farmland 50%, deciduous woodlands 50%).—Dec. 26; 8 a.m. to 4:30 p.m. Clear; temp. 20° to 40°; wind NW, 0-10 m.p.h.; ground snow-covered, running water in river, ponds frozen. Seven observers in 1 party. Total party-hours, 8 (6 on foot, 2 by car); total party-miles, 75 (12 on foot, 63 by car). Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Rough-legged Hawk, 6; Bob-white, 20; Ring-necked Pheasant, 57; Mourning Dove, 1; Screech Owl, 1; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 18; Hairy Woodpecker, 3; Downy Woodpecker, 34; Horned Lark, 5; Blue Jay, 12; Am. Crow, 105; Black-capped Chickadee, 51; Tufted Titmouse, 7; White-breasted Nuthatch, 14; Winter Wren, 1; Common Starling, 77; House Sparrow, 100; meadowlark (sp.), 22; Purple Grackle, 1; Cardinal, 17; Am. Goldfinch, 32; Slate-colored Junco, 62; Am. Tree Sparrow, 100; White-throated Sparrow, 2; Song Sparrow, 2. **Total,** 28 species; about 760 individuals.—Myrle M. Burk (compiler), Russel Hays, Jack Helfner, Rodger A. Moon, David Sage, Diane Sage, Evan Sage.

368. **Union Slough National Wildlife Refuge, Iowa** (2054 acre refuge 4 miles west and 2 miles north of Burt; marsh and water 40%, upland pasture and ash–elder–willow thickets 40%, cultivated croplands 20%).—Dec. 28; 8:30 a.m. to 5 p.m. Partly cloudy a.m. to cloudy p.m.; temp. 15° to 30°; wind N, 15 m.p.h.; bare to little snow cover, water frozen except outlets to tile drains. Two observers in 1-2 parties. Total party-hours, 12 (3 on foot, 9 by car); total party-miles, 15 (3 on foot, 12 by car). Mallard, 136; Black Duck, 1; Rough-legged Hawk, 2; Ring-necked Pheasant, 662; Barred Owl, 2; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 1; Downy Woodpecker, 8; Am. Crow, 3; Black-capped Chickadee, 8; meadowlark (sp.), 11; Slate-colored Junco, 1; Am. Tree Sparrow, 48; Song Sparrow, 1; Snow Bunting, 55. **Total,** 15 species; about 947 individuals. (Seen count week: Red-winged Blackbird.)—Harold H. Burgess (compiler), Mrs. R. J. Mawdsley.

369. **Webster City, Iowa** (7½-mile radius centering on Des Moines and 2nd Sts., including Graceland Cemetery, Kendall Young Park, areas along Boone River; deciduous woodland 55%, farmland and fields 38%, cemetery 7%).—Dec. 30; 7:30 a.m. to 5 p.m. Cloudy to partly cloudy; temp. 29° to 50°; wind W, 5-15 m.p.h.; crusted snow in sheltered areas, Boone River 30% open. Two observers in 2 parties. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 75 (10 on foot, 65 by car). Mallard, 1; Red-tailed Hawk, 1; Ring-necked Pheasant, 2; Mourning Dove, 1; owl (sp.), 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 10; Hairy Woodpecker, 3; Downy Woodpecker, 12; Blue Jay, 1; Am. Crow, 120; Black-capped Chickadee, 45; Tufted Titmouse, 1; White-breasted Nuthatch, 13; shrike (sp.), 2; **Loggerhead Shrike, 1** (carefully identified); Common Starling, 177; House Sparrow, 91; Western Meadowlark, 2; Cardinal, 15; Am. Goldfinch, 42; Slate-colored Junco, 23; Am. Tree Sparrow, 5; Harris's Sparrow, 2; Song Sparrow, 5. **Total,** 25 species; about 580 individuals. (Seen in area count period: Horned Owl.)—Dennis L. Carter (compiler), Heber P. Johnson.

370. **Jameson, Mo.** (within a rectangle 3½-miles long by 2 miles wide, side borders Muddy Creek and Little Muddy Creek; farmland 50%, woodland 15%, pastures 35%).—Dec. 29; 7:55 a.m. to 4:35 p.m. Partly cloudy; temp. 32° to 52°; wind SW, 0-12 m.p.h. One observer. Total hours, 8½; total miles, 13 (all on foot). Mallard, 1775; Cooper's Hawk, 1; Red-tailed Hawk, 2; Bob-white, 2; Mourning Dove, 11; Horned Owl, 1; Barred Owl, 2; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 47; Red-headed Woodpecker, 10; Hairy Woodpecker, 5; Downy Woodpecker, 35; Horned Lark, 169; Blue Jay, 74; Am. Crow, 17; Black-capped Chickadee, 66; Tufted Titmouse, 27; White-breasted Nuthatch, 15; Common Starling, 182; House Sparrow, 285; Eastern Meadowlark, 51; Red-winged Blackbird, 174; Brown-headed Cowbird, 300; Cardinal, 127; Am. Goldfinch, 45; Slate-colored Junco, 243; Am. Tree Sparrow, 134; Harris's Sparrow, 12; Song Sparrow, 34. **Total,**

29 species; about 3858 individuals. (Seen count period: Mockingbird, Loggerhead Shrike.) [Nine Red-billed Pigeons reported without details and deleted from list—Ed.]—Marvin McNeely.

371. **Kansas City, Mo.–Kans.** (7½-mile radius centering in Argentine, including Quivira Lake, Wyandotte County Lake, northwest end of Swope Park, areas along Missouri River, suburbs; open fields 20%, deciduous wooded lakes 30%, riverbottoms 20%, deciduous wooded park 20%, suburbs 10%).—Dec. 23; 6:45 a.m. to 5 p.m. Cloudy, intermittent snow; temp. 28° to 34°; wind N, 15 m.p.h.; 3-in. snow, water areas half frozen. Seventeen observers in 8 parties. Total party-hours, 49 (34 on foot, 15 by car); total party-miles, 198 (36 on foot, 162 by car). Mallard, 13,000; Black Duck, 2; Gadwall, 1; Pintail, 1; Redhead, 2; Am. Golden-eye, 4; Hooded Merganser, 3; Am. Merganser, 211; Cooper's Hawk, 2; Red-tailed Hawk, 7; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bob-white, 38; Am. Coot, 1; Killdeer, 1; Mourning Dove, **95**; Screech Owl, 1; Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 40; Red-shafted Flicker, 2; Red-bellied Woodpecker, 31; Red-headed Woodpecker, 1; Hairy Woodpecker, 14; Downy Woodpecker, 39; Horned Lark, 6; Blue Jay, 93; Am. Crow, 61; Black-capped Chickadee, 111; Tufted Titmouse, 101; White-breasted Nuthatch, 6; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 16; Am. Robin, 2; Eastern Bluebird, 42; Golden-crowned Kinglet, 1; Cedar Waxwing, 12; Common Starling, 691; House Sparrow, 1040; Eastern Meadowlark, 12; Western Meadowlark, 1; Red-winged Blackbird, 142; Cardinal, 351; Purple Finch, 2; Am. Goldfinch, 56; [Eastern Towhee, 5 + Spotted Towhee, 5]; Savannah Sparrow, 2; Slate-colored Junco, 706; Oregon Junco, **94**; Am. Tree Sparrow, 606; Harris's Sparrow, 20; White-crowned Sparrow, 1; White-throated Sparrow, 3; **Lincoln's Sparrow, 1**; Song Sparrow, 148; Lapland Longspur, 5. **Total,** 59 species (1 additional subspecies); about 17,852 individuals. (Seen in area count period: Mockingbird, Red-breasted Nuthatch.) —Mr. and Mrs. John Bart, William Booth, Richard Dawson, Philoma Foster, Mr. and Mrs. Harold Hedges, David Johnson, Aileen Lanoix, Mr. and Mrs. James Myers, Esther O'Connor, Ronald Pine, Ted Pucci (compiler), Dean Rising, James Rising, Bernice Tatum (Burroughs Nature Club).

372. **Portage Des Sioux, Mo.** (along Mississippi River within 7½-mile radius of Portage Des Sioux, all on Mo. side of river; bottomlands and sloughs 73%, tilled fields 25%, weed-grown marshes 2%).—Dec. 29; 7:30 a.m. to 4:30 p.m. Clear a.m., intermittent snow p.m.; temp. 28° to 37°; wind WSW, 5-11 m.p.h.; water open. One observer. Total hours, 9 (7½ on foot, 1½ by car); total miles, 19 (4 on foot, 15 by car). Mallard, 87; Black Duck, 6; Pintail, 29; Ring-necked Duck, 2; Canvas-back, 8; Lesser Scaup, 1; Am. Golden-eye, 57; Buffle-head, 3; Am. Merganser, 4; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 3; Marsh Hawk, 3; Sparrow Hawk, 9; Ring-necked Pheasant, 1; Am. Coot, 3; Killdeer, 8; Herring Gull, 3; Ring-billed Gull, 384; Mourning Dove, 38; Short-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 16; **Red-shafted Flicker, 1** (still present Jan. 1—many observers); Red-bellied Woodpecker, 6; Red-headed Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 6; Horned Lark, 12; Blue Jay, 23; Am. Crow, 236; Black-capped Chickadee, 1; Tufted Titmouse, 1; Carolina Wren, 7; Mockingbird, 1; Am. Robin, 7; Eastern Bluebird, 4; Cedar Waxwing, 33; Loggerhead Shrike, 2; Common Starling, 343; House Sparrow, 32; European Tree Sparrow, 48; Eastern Meadowlark, 84; Western Meadowlark, 16; Red-winged Blackbird, 461; Rusty Blackbird, 35; Brewer's Blackbird, 2; Purple Grackle, 79; Cardinal, 28; Am. Goldfinch, 19; Slate-colored Junco, 227; Swamp Sparrow, 4; Song Sparrow, 11; Lapland Longspur, 27. **Total,** 54 species; about 2430 individuals.—J. Earl Comfort.

373. **Ranken, Mo.** (tract between Valley Park and Eureka 6 miles long, 4 miles wide; deciduous woods on Ozark hillslopes 40%, open valleys bordering spring-fed creeks and Meramec River 40%, Red Cedar groves 8%, farmland 10%, water 2%; this area a Boy Scout Reservation).—Dec. 24; 7:30 a.m. to 3:30 p.m. Cloudy, occasional snow flurries; temp. 33° to 36°; wind W, 8-12 m.p.h.; ground clear, Meramec River and creeks open. Four observers in 1 party. Total party-hours, 7; total party-miles, 6 (all on foot). Red-tailed Hawk, 2; Killdeer, 2; Pileated Woodpecker, 2; Red-bellied Woodpecker, 11; Hairy Woodpecker, 2; Downy Woodpecker, 18; Blue Jay, 14; Am. Crow, 9; Black-capped Chickadee, 24; Tufted Titmouse, 16; White-breasted Nuthatch, 5; Carolina Wren, 5; Mockingbird, 2; Eastern Bluebird, 2; House Sparrow, 23; Cardinal, 8; Am. Goldfinch, 11; Slate-colored Junco, 32; Am. Tree Sparrow, 36; Song Sparrow, 3. **Total,** 20 species; 227 individuals. —J. F. Comfort, J. Marshall Magner, J. M. Magner, Jr., C. R. Magner (compiler), (Webster Groves Nature Study Society).

374. **Weldon Springs, Mo.** (August A. Busch Wildlife Management Area in St. Charles County, same terrain as in previous years).—Dec. 30; 8 a.m. to 5 p.m. Heavy fog lifting at 9:30 a.m.; temp. 38° to 45°; no wind; ponds and creeks open, fields thawing and muddy. Nineteen observers in 12 parties. Total party-hours, 54 (50 on foot, 4 by car); total party-miles, 72 (40 on foot, 32 by car). Pied-billed Grebe, 1; Canada Goose, 345; Mallard, 805; Black Duck, 3; Gadwall, 20; Am. Widgeon, 95; Pintail, 210; Green-winged Teal, 2; Ring-necked Duck, 14; Canvas-back, 12; Lesser Scaup, 10; Am. Golden-eye, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, **38**; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 2; Marsh Hawk, 7; Sparrow Hawk, 4; Bob-white, 131; Killdeer, 1; Wilson's Snipe, 2; Mourning Dove, 156; Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 8; Yellow-shafted Flicker, 73; Pileated Woodpecker, 9; Red-bellied Woodpecker, **207**; Red-headed Woodpecker, 9; Hairy Woodpecker, 8; Downy Woodpecker, 77; Horned Lark, 42; Blue Jay, 169; Am. Crow, 185; Black-

capped Chickadee, 102; Tufted Titmouse, 139; White-breasted Nuthatch, 30; Brown Creeper, 1; Carolina Wren, 67; Mockingbird, 35; Am. Robin, 34; Eastern Bluebird, 115; Golden-crowned Kinglet, 4; Cedar Waxwing, 114; Loggerhead Shrike, 14; Common Starling, 366; House Sparrow, 357; European Tree Sparrow, 1; Eastern Meadowlark, 77; Red-winged Blackbird, 2281; Rusty Blackbird, 485; Purple Grackle, 118; Brown-headed Cowbird, 15; Cardinal, 433; Purple Finch, 90; Am. Goldfinch, 844; Eastern Towhee, 12; Savannah Sparrow, 16; **Leconte's Sparrow, 6**; Slate-colored Junco, **2335**; Am. Tree Sparrow, **3452**; Field Sparrow, 46; Harris's Sparrow, 8; White-crowned Sparrow, 84; White-throated Sparrow, 10; Fox Sparrow, 20; Lincoln's Sparrow, 1; Swamp Sparrow, 45; Song Sparrow, 188. **Total,** 71 species; about 14,601 individuals. (Seen in area count period: Myrtle Warbler.)—Alberta Bolinger, George Cameron, Earl Comfort, James F. Comfort (compiler), David Easterla, Patti Grace, Richard Grossenheider, Stoner Haven, Robert J. Hill, R. Ludlow Hill, Karen Kratoville, Jack McDonald, Julian Neill, F. E. Springer, Sally Springer, Mae Tremaine, Dorothea Vogel, Charlotte Vogt, Bruce Wetteroth (Webster Groves Nature Study Society).

375. **El Dorado, Ark.** (semi-circular area, 12 mile diameter parallel to and 2 miles east of U.S. 167, including Calion Lake, Calion, Norphlet; lake, pond and river edge 15%, open fields and pastures 40%, bottomland oak–pine woodland 30%, upland pine–oak woodland 15%).—Dec. 29; 6 a.m. to 5:15 p.m. Clear; temp. 36° to 57°; wind W, 0-15 m.p.h.; ground and bottomlands very dry, Calion Lake level normal. Twelve observers in 8 parties, 3 in cars, 5 on foot. Total party-hours, 42 (37 on foot, 5 by car); total party-miles, 130 (40 on foot, 90 by car). Pied-billed Grebe, 19; Great Blue Heron, 7; Ring-necked Duck, 4; Turkey Vulture, 13; Black Vulture, 5; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; **Bald Eagle, 1** (J.H.); Bob-white, 1; Killdeer, 10; Wilson's Snipe, 4; Mourning Dove, 20; Barred Owl, 1; Belted Kingfisher, 15; Yellow-shafted Flicker, 31; Pileated Woodpecker, 5; Red-bellied Woodpecker, 34; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 18; Hairy Woodpecker, 1; Downy Woodpecker, 14; **Vermilion Flycatcher, 1** (male seen by 7 observers); Eastern Phoebe, 5; Blue Jay, 64; Am. Crow, 17; Carolina Chickadee, 91; Tufted Titmouse, 71; White-breasted Nuthatch, 5; Brown-headed Nuthatch, 7; Brown Creeper, 4; Winter Wren, 8; Bewick's Wren, 2; Carolina Wren, 38; Mockingbird, 38; Brown Thrasher, 19; Am. Robin, 172; Hermit Thrush, 11; Eastern Bluebird, 75; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 52; Cedar Waxwing, 164; Loggerhead Shrike, 16; Myrtle Warbler, 40; Pine Warbler, 31; House Sparrow, 83; Eastern Meadowlark, 86; Red-winged Blackbird, 8; Rusty Blackbird, 45; Purple Grackle, 150; Brown-headed Cowbird, 71; Cardinal, 135; Am. Goldfinch, 262; Eastern Towhee, 40; Savannah Sparrow, 51; Leconte's Sparrow, 2; Slate-colored Junco, 325; Field Sparrow, 109; **White-crowned Sparrow, 12** (carefully studied —G.H., G.M.); White-throated Sparrow, 676; Fox Sparrow, 20; Song Sparrow, 19. **Total,** 61 species; about 3247 individuals. (Seen in area count period: Wood Duck, Sparrow Hawk, Common Starling, Swamp Sparrow.)—Carl R. Amason, G. M. McDavid, Marguerite McDavid, W. L. Goodwin, Josephine Hanna, George Hoffman, Arnold J. Hoiberg (compiler), Crystal S. Hoiberg, Jay Hoiberg, Molly Hoiberg, Svend Hoiberg, Mary Dale Nelms.

376. **Fort Smith, Ark.** (7½-mile radius centering on Hendricks Blvd. and Cliff Drive, including same areas as in previous years except Fort Chaffee; Mt. Vista and riverbottoms east of Van Buren added; upland fields and airport 22%, bottomland deciduous woods 27%, upland deciduous woods 34%, riverbank and bottomland fields 13%, city lots 1%, upland cedar woods 3%).—Dec. 29; 6 a.m. to 6:30 p.m. Clear; temp. 31° to 60°; wind W, average 10 m.p.h. Thirty observers in 5 parties. Total party-hours, 45 (35 on foot, 10 by car); total party-miles, 204 (41 on foot, 163 by car). Pied-billed Grebe, 1; Great Blue Heron, 24; Mallard, 35; Green-winged Teal, 2; Canvas-back, 180; Am. Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 16; Red-shouldered Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 11; Bob-white, 6; Killdeer, 47; Mourning Dove, **94**; Road-runner, 2; Screech Owl, 1; Horned Owl, 3; Barred Owl, 4; Belted Kingfisher, 3; Yellow-shafted Flicker, 65; Pileated Woodpecker, 3; Red-bellied Woodpecker, 16; Red-headed Woodpecker, 88; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 24; Horned Lark, 49; Blue Jay, 150; Am. Crow, 156; Carolina Chickadee, 59; Tufted Titmouse, 51; White-breasted Nuthatch, 7; Brown Creeper, 4; Winter Wren, 1; Bewick's Wren, 1; Carolina Wren, 27; Mockingbird, 74; Brown Thrasher, 17; Am. Robin, 79; Hermit Thrush, 4; Eastern Bluebird, 82; Ruby-crowned Kinglet, 1; **Water Pipit, 1**; **Sprague's Pipit, 1** (D.J.); Cedar Waxwing, 16; Loggerhead Shrike, 23; Common Starling, 1361; House Sparrow, 150; Eastern Meadowlark, 206; Western Meadowlark, 1; Red-winged Blackbird, 511; Rusty Blackbird, 4; Brewer's Blackbird, 16; Purple Grackle, 1012; Brown-headed Cowbird, 58; blackbirds (sp.), 18,650; Cardinal, 160; Purple Finch, 20; **Pine Siskin, 2** (J.W.); Am. Goldfinch, 86; Eastern Towhee, 3; Savannah Sparrow, 40; Leconte's Sparrow, 1; Vesper Sparrow, 1; Slate-colored Junco, 306; Field Sparrow, 129; Harris's Sparrow, 28; White-crowned Sparrow, 2; White-throated Sparrow, 190; Fox Sparrow, 10; Lincoln's Sparrow, 6; Swamp Sparrow, 2; Song Sparrow, 35; Lapland Longspur, 71; Smith's Longspur, 109; **Chestnut-collared Longspur, 20. Total,** 76 species; about 24,636 individuals.—Ruth Armstrong, Prof. Beech, Bill Beall (compiler), Tommy Bjorkman, Kathryn Buchanan, Bobby Cogburn, Mr. and Mrs. R. Corbin, Virginia Cornelius, Ralph Fox, Carol Lee Garner, Fred Haskin, Joyce Hecker, Douglas James, Dana and Ricky Jones, Elizabeth Killfaile, Barbara Jean Lane, Judy McAlister, Jim Mulhollan, Jim Northup, Mrs. V. P. Purna, Johnny Price, Mr. and Mrs. G. A. Springer, Ronnie Stevenson, Bill and Clyde Stewart, James Wear, Mrs. Louie Whittaker.

past).—Dec. 23; 7:30 a.m. to 4 p.m. Heavy overcast, little rain; temp. 42° to 33°; wind 20-25 m.p.h. Four observers in 1 party. Total party-hours, 34 (24 on foot, 10 by car); total party-miles, 60 (44 on foot, 16 by car). Great Blue Heron, 3; Mallard, 2; Green-winged Teal, 7; Am. Golden-eye, 1; Turkey Vulture, 20; Black Vulture, 8; Cooper's Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 7; Killdeer, 14; Wilson's Snipe, 56; Least Sandpiper, 127; Mourning Dove, 58; Belted Kingfisher, 2; Yellow-shafted Flicker, 18; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 18; Am. Crow, 139; Carolina Chickadee, 6; Tufted Titmouse, 5; Carolina Wren, 2; Mockingbird, 11; Am. Robin, 1; Hermit Thrush, 1; Eastern Bluebird, 2; Ruby-crowned Kinglet, 1; Water Pipit, 15; Loggerhead Shrike, 17; Common Starling, 9; Myrtle Warbler, 10; House Sparrow, 76; Eastern Meadowlark, 131; Red-winged Blackbird, 331; Purple Grackle, 23; Brown-headed Cowbird, 68; Cardinal, 24; Am. Goldfinch, 65; Slate-colored Junco, 6; White-crowned Sparrow, 10; White-throated Sparrow, 12; Fox Sparrow, 4; Song Sparrow, 30. **Total,** 44 species; about 1251 individuals. (Seen count period: Yellow-bellied Sapsucker, Brown Creeper, Brown Thrasher, Pine Warbler.)—Charles Gardner (compiler), Dale Gardner, Gale Gardner, W. S. Jennings.

381. White River National Wildlife Refuge, Ark. (Refuge Headquarters south over bottoms road to Demonstration Area, White Lake, Frazer Lake, Farm Unit, to Moon Lake via State Highway 1, and return to Headquarters; bottomland hardwoods 40%, farmland and meadow 30%, lakes and bayous 25%, lawns and farm sites 5%).—Dec. 26; 7:02 a.m. to 4:14 p.m. Clear; temp. 35° to 59°; wind ENE to SW, 2-8 m.p.h.; no water areas frozen. Three observers in 2 parties. Total party-hours, 11 (9 on foot, 2 by car); total party-miles, 33 (10 on foot, 23 by car). Great Blue Heron, 1; Canada Goose, 1116; Mallard, 93,300; Black Duck, 11; Am. Widgeon, 10; Pintail, 57; Green-winged Teal, 33; Wood Duck, 2; Ring-necked Duck, 6; Canvas-back, 15; Turkey Vulture, 4; Black Vulture, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 7; Killdeer, 11; Mourning Dove, 23; Horned Owl, 1; Barred Owl, 5; Belted Kingfisher, 1; Yellow-shafted Flicker, 21; Pileated Woodpecker, 9; Red-bellied Woodpecker, 59; Red-headed Woodpecker, 13; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 12; Downy Woodpecker, 6; Eastern Phoebe, 6; Blue Jay, 38; Am. Crow, 1; Carolina Chickadee, 40; Tufted Titmouse, 28; White-breasted Nuthatch, 9; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 35; Mockingbird, 5; Brown Thrasher, 3; Am. Robin, 10; Hermit Thrush, 10; Eastern Bluebird, 22; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 12; Cedar Waxwing, 42; Loggerhead Shrike, 12; Common Starling, 5; Myrtle Warbler, 1; House Sparrow, 14; Eastern Meadowlark, 86; Red-winged Blackbird, 50; Rusty Blackbird, 78; Brewer's Blackbird, 4; Purple Grackle, 131; Brown-headed Cowbird, 1; Cardinal, 96; Am. Goldfinch, 60; Eastern Towhee, 3; Slate-colored Junco, 82; Field Sparrow, 27; White-throated Sparrow, 695; Fox Sparrow, 8; Song Sparrow, 20; Lapland Longspur, 40. **Total,** 64 species; about 96,422 individuals. (Seen official count period: Golden Eagle, Bald Eagle, Bob-white, Short-eared Owl.)—Darryl L. Agee (compiler), Brooke Meanley, Peter J. Van Huizen.

382. New Orleans, La. (same area as preceding years).—Dec. 27; 5 a.m. to 5:30 p.m. Clear; temp. 53° to 74°; wind SW, 0-6 m.p.h. Eight observers in 3 parties. Total party-hours, 25 (15 on foot, 10 by car); total party-miles, 71 (18 on foot, 53 by car). Pied-billed Grebe, 211; Brown Pelican, 2; Double-crested Cormorant, 10; Great Blue Heron, 4; Am. Egret, 3; White Ibis, 8; Pintail, 4; Ring-necked Duck, 52; Lesser Scaup, 85; Am. Golden-eye, 3; Red-breasted Merganser, 1; Turkey Vulture, 1; Cooper's Hawk, 1; Red-tailed Hawk, 12; Red-shouldered Hawk, 9; Bald Eagle, 1; Marsh Hawk, 20; Pigeon Hawk, 1; Sparrow Hawk, 31; Bob-white, 2; Florida Gallinule, 5; Am. Coot, 328; Killdeer, 175; Wilson's Snipe, 9; Herring Gull, 21; Ring-billed Gull, 10; Laughing Gull, 3; Bonaparte's Gull, 6; **Gull-billed Tern, 2**; Forster's Tern, 7; Royal Tern, 4; Caspian Tern, 1; Mourning Dove, 60; **White-winged Dove, 1** (in City Park for month); Barn Owl, 2; Burrowing Owl, 1; Barred Owl, 1; **Ruby-throated Hummingbird, 3**; **Rufous Hummingbird, 3** (species seen every field trip); Belted Kingfisher, 6; Yellow-shafted Flicker, 15; Pileated Woodpecker, 2; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 5; Downy Woodpecker, 3; Eastern Phoebe, 9; **Vermilion Flycatcher, 1**; Tree Swallow, 240; **Rough-winged Swallow, 200**; **Purple Martin, 2** (last 2 species carefully studied by competent observers); Blue Jay, 200; Am. Crow, 205; Fish Crow, 16; Carolina Chickadee, 21; Tufted Titmouse, 3; Brown Creeper, 3; House Wren, 3; Winter Wren, 1; Carolina Wren, 9; Long-billed Marsh Wren, 1; Mockingbird, 200; Catbird, 1; Brown Thrasher, 31; Am. Robin, 125; Hermit Thrush, 2; Eastern Bluebird, 112; Blue-gray Gnatcatcher, 19; Ruby-crowned Kinglet, 37; Water Pipit, 400; Cedar Waxwing, 30; Loggerhead Shrike, 29; Common Starling, 11,500; White-eyed Vireo, 5; Solitary Vireo, 1; Orange-crowned Warbler, 35; Myrtle Warbler, 520; Pine Warbler, 86; Palm Warbler, 14; Common Yellowthroat, 10; **Black-capped Warbler, 5**; **Am. Redstart, 1** (carefully identified); House Sparrow, 1000; Eastern Meadowlark, 85; Red-winged Blackbird, 700; Boat-tailed Grackle, 23; Purple Grackle, 52; Brown-headed Cowbird, 200; Cardinal, 350; Am. Goldfinch, 52; Eastern Towhee, 4; Savannah Sparrow, 26; Grasshopper Sparrow, 1; Vesper Sparrow, 3; **Lark Sparrow, 3** (common all fall); Slate-colored Junco, 110; Chipping Sparrow, 22; Field Sparrow, 16; White-throated Sparrow, 500; Lincoln's Sparrow, 2; Swamp Sparrow, 46; Song Sparrow, 4. **Total,** 101 species; about 18,414 individuals. (Seen in area count period: Am. Bittern, Gadwall, Am. Widgeon, Blue-winged Teal, Redhead, Sora, Virginia Rail, Horned Owl, Golden-crowned Kinglet.)—Brian Donlan, Rev. J. L. Dorn (compiler), Mrs. H. A. Evans, Rose Feingold, Sidney

377. Jasper, Ark. (1-mile radius of Stringtown and Highway 7, 14 miles north to Harrison; mixed deciduous and coniferous woods 25%, open fields and pastures 70%, village streets 5%).—Dec. 28; 7:45 a.m. to 4:45 p.m. Clear to partly cloudy; temp. 30° to 45°; wind NW, 0-25 m.p.h. Two observers in 1 party. Total party-hours, 9 (7 on foot, 2 by car); total party-miles, 31 (3 on foot, 28 by car). Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Bob-white, 18; Mourning Dove, 1; Yellow-shafted Flicker, 3; Pileated Woodpecker, 2; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 31; Am. Crow, 37; Carolina Chickadee, 12; Tufted Titmouse, 14; White-breasted Nuthatch, 2; Winter Wren, 1; Carolina Wren, 6; Mockingbird, 8; Am. Robin, 32; Hermit Thrush, 1; Eastern Bluebird, 19; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 2; Cedar Waxwing, 8; Loggerhead Shrike, 2; Common Starling, 15; Myrtle Warbler, 7; House Sparrow, 33; Eastern Meadowlark, 129; Red-winged Blackbird, 500; Brown-headed Cowbird, 13; Cardinal, 19; Purple Finch, 4; Am. Goldfinch, 6; Slate-colored Junco, 92; Field Sparrow, 6; White-throated Sparrow, 25; Fox Sparrow, 2; Song Sparrow, 2. **Total,** 41 species; about 1067 individuals.—Ralph L. Dunckel (compiler), Mrs. Ralph L. Dunckel.

378. Little Rock, Ark. (same area as last 2 years).—Dec. 29; 6:45 a.m. to 5:15 p.m. Clear; temp. 35° to 55°; wind WNW to SSW, 8-15 m.p.h., strongest at noon. Twenty-seven observers in 10 parties. Total party-hours, 49 (44 on foot, 5 by car); total party-miles, 115 (39 on foot, 76 by car). Great Blue Heron, 6; Wood Duck, 4; Turkey Vulture, 5; Cooper's Hawk, 1; Red-tailed Hawk, 8; Red-shouldered Hawk, 2; **Bald Eagle, 1**; Marsh Hawk, 1; Sparrow Hawk, 8; Bob-white, 38; Killdeer, 18; Mourning Dove, 8; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 77; Pileated Woodpecker, 9; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 67; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 10; Downy Woodpecker, 35; Eastern Phoebe, 1; Blue Jay, 97; Am. Crow, 67; Carolina Chickadee, 161; Tufted Titmouse, 162; White-breasted Nuthatch, 30; Brown-headed Nuthatch, **25**; Brown Creeper, 10; Winter Wren, 2; Bewick's Wren, 7; Carolina Wren, 32; Mockingbird, 60; Brown Thrasher, 8; Am. Robin, 55; Hermit Thrush, 3; Eastern Bluebird, **109**; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 14; Cedar Waxwing, 150; Loggerhead Shrike, 28; Common Starling, 577; **White-eyed Vireo, 1** (carefully identified—H.M.); Myrtle Warbler, 23; Pine Warbler, 62; House Sparrow, 193; Eastern Meadowlark, 134; Red-winged Blackbird, 302; Rusty Blackbird, 50; **Brewer's Blackbird, 100**; Purple Grackle, 1409; Brown-headed Cowbird, 18; Cardinal, 192; Purple Finch, 1; Pine Siskin, 1; Am. Goldfinch, 30; Eastern Towhee, 74; Savannah Sparrow, 50; **Leconte's Sparrow, 2**; Vesper Sparrow, 1; Slate-colored Junco, 230; Field Sparrow, 217; **Harris's Sparrow, 37**; White-crowned Sparrow, 61; White-throated Sparrow, 366; Fox Sparrow, 48; Swamp Sparrow, 2; Song Sparrow, 75; **Smith's Longspur, 4** (W.S.). **Total,** 69 species; about 5626 individuals. (Seen in area count period: **Rose-breasted Grosbeak.**) [Excellent details for all unusual observations—Ed.]—Cleveland Cabler, H. H. Daniel (compiler), Mrs. H. H. Daniel, A. M. and Jay Davison, Mr. and Mrs. Charles Fletcher, Mrs. Earl Fugna, Mr. and Mrs. Ross Jamison, Dr. and Mrs. H. N. Marvin, Mrs. Ben D. Moore, Myron Northrop, Joseph A. and Jo Donna Norton, Mr. and Mrs. Bernard Olds, Mrs. John F. Rea, Anthony Rogoski, Dr. and Mrs. W. P. Scarlett, William Sheperd, Clif Springer, Herman Thompson, Mrs. Henry Tucker, Mrs. C. A. Wheeler (Pulaski County Audubon Society).

379. Lonoke, Ark. (1954 areas slightly curtailed; deciduous woods 25%, highways, old fields, pastures 40%, rice stubble 5%, goldfish and duck ponds 20%, 267-acre fish hatchery with half ponds dry 10%).—Dec. 22; 7 a.m. to 5:15 p.m. Fog, steady rain after 9 a.m.; temp. 59° to 52°; wind N, up to 5 m.p.h. Eight observers in 1-2 parties. Total party-hours, 19 (10 on foot, 9 by car); total party-miles, 70 (10 on foot, 60 by car). Pied-billed Grebe, 10; Great Blue Heron, 2; Am. Bittern, 2; Mallard, 1205; Black Duck, 1; Am. Widgeon, 1840; Pintail, 89; Green-winged Teal, 12; Shoveller, 201; Wood Duck, 50; Ring-necked Duck, 42; Canvas-back, 68; Lesser Scaup, 52; Buffle-head, 9; Ruddy Duck, 4; Turkey Vulture, 2; Cooper's Hawk, 1; Red-tailed Hawk, 11; Red-shouldered Hawk, 1; Marsh Hawk, 48; Sparrow Hawk, 14; Bob-white, 18; King Rail, 1; Am. Coot, 1040; Killdeer, 117; Wilson's Snipe, 42; Least Sandpiper, 258; Mourning Dove, 52; Screech Owl, 1; Barred Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 45; Pileated Woodpecker, 3; Red-bellied Woodpecker, 22; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 5; Downy Woodpecker, 16; Blue Jay, 46; Am. Crow, 37; Carolina Chickadee, 21; Tufted Titmouse, 5; Brown Creeper, 1; Winter Wren, 9; Bewick's Wren, 2; Carolina Wren, 13; Mockingbird, 21; Brown Thrasher, 6; Am. Robin, 14; Hermit Thrush, 17; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 2; Water Pipit, 40; Sprague's Pipit, 7; Cedar Waxwing, 33; Loggerhead Shrike, 44; Common Starling, 19; Myrtle Warbler, 1; House Sparrow, 288; Eastern Meadowlark, 271; Red-winged Blackbird, 1000; Rusty Blackbird, 1510; Brewer's Blackbird, 253; Purple Grackle, 370; Brown-headed Cowbird, 12; Cardinal, 172; Am. Goldfinch, 52; Eastern Towhee, 16; Savannah Sparrow, 371; Leconte's Sparrow, 34; Slate-colored Junco, 227; Field Sparrow, 47; Harris's Sparrow, 1; White-crowned Sparrow, 104; White-throated Sparrow, 365; Fox Sparrow, 13; Swamp Sparrow, 36; Song Sparrow, 253; Lapland Longspur, 394. **Total,** 79 species; about 11,431 individuals.—Mrs. Floy Burford, Cleveland Cabler, Ben B. Coffey, Jr. (compiler), Mrs. Ben B. Coffey, Jr., Herbert H. Daniel, Edward King, W. S. Shepherd, R. Demett Smith, Jr.

380. Texarkana, Ark.–Tex. (same areas as in

Sparrow, 12; Slate-colored Junco, 16; Chipping Sparrow, 1; Field Sparrow, 180; White-crowned Sparrow, 5; White-throated Sparrow, 1147; Fox Sparrow, 1; Swamp Sparrow, 492; Song Sparrow, 114. **Total,** 106 species; about 11,596 individuals.—Mr. and Mrs. Powell Cottrille, P. A. Daigre, Mr. and Mrs. Clifford Garvin, John P. Gee, Mr. and Mrs. Robert W. Krebs, Douglas Lancaster, George H. Lowery (compiler); Mrs. George H. Lowery, Mr. and Mrs. Robert B. Moore, Robert J. Newman, Tommy B. Pugh, J. Harvey Roberts, Lyman Roberts, Edwin Willis.

385. **Shreveport, La.** (same area as last year; open fields and pastures 23%, brushy fields and edges 18%, deciduous woods 20%, pine woods 13%, wooded lake 1%, open lake and ponds 5% [20% = ?—Ed.].—Dec. 23; 3:15 a.m. to 5:30 p.m. Clear to partly cloudy; temp. 36° to 57°; wind WNW, 8-24 m.p.h.; slight ground fog a.m. Nine observers in 5-7 parties. Total party-hours, 56 (42 on foot, 12 by car, 2 in boat); total party-miles, 312 (40 on foot, 264 by car, 8 by boat). **White Pelican,** 1; Double-crested Cormorant, 7; **Water-turkey,** 1 (present since Dec. 16, first local winter record); Great Blue Heron, 18; Am. Egret, 46; Black-crowned Night Heron, 2; Mallard, 1; Am. Widgeon, 14; Green-winged Teal, 4; Wood Duck, 3; Ring-necked Duck, 2; Canvas-back, 1011; Ruddy Duck, 291; merganser (sp.), 1; Turkey Vulture, 75; Black Vulture, 49; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 7; Marsh Hawk, 1; Sparrow Hawk, 22; Bob-white, 11; Am. Coot, 1; Killdeer, 186; Am. Woodcock, 1; Wilson's Snipe, 34; Least Sandpiper, 59; Herring Gull, 2; Ring-billed Gull, 258+; Mourning Dove, 87; Screech Owl, 1; Horned Owl, 1; Barred Owl, 9; Belted Kingfisher, 5; Yellow-shafted Flicker, 94; Pileated Woodpecker, 8; Red-bellied Woodpecker, 44; Red-headed Woodpecker, 22; Yellow-bellied Sapsucker, 20; Hairy Woodpecker, 11; Downy Woodpecker, 13; Red-cockaded Woodpecker, 5; Eastern Phoebe, 15; Blue Jay, 158; Am. Crow, 134; Carolina Chickadee, 79; Tufted Titmouse, 79; White-breasted Nuthatch, 13; Brown-headed Nuthatch, 24; Brown Creeper, 8; House Wren, 1; Winter Wren, 1; Bewick's Wren, 5; Carolina Wren, 46; Mockingbird, 146; Brown Thrasher, 33; Am. Robin, 96; Hermit Thrush, 14; Eastern Bluebird, **284**; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 42; Water Pipit, 7; Sprague's Pipit, 7; Cedar Waxwing, 116; Loggerhead Shrike, 56; Common Starling, 2612±; Orange-crowned Warbler, 2; Myrtle Warbler, 43; Pine Warbler, 45; House Sparrow, 356+; Eastern Meadowlark, 429; Western Meadowlark, 2; Red-winged Blackbird, 1314; Rusty Blackbird, 14; Brewer's Blackbird, 64; Purple Grackle, 3161; Brown-headed Cowbird, 680+; Cardinal, 213; Pine Siskin, 2; Am. Goldfinch, 155; [Eastern Towhee, 28 + Spotted Towhee, 41]; Savannah Sparrow, 68; Leconte's Sparrow, 7; Vesper Sparrow, 2; Slate-colored Junco, 302; Oregon Junco, 3; Field Sparrow, 112; Harris's Sparrow, 9; White-crowned Sparrow, 17; White-throated Sparrow, 416; Fox Sparrow, 24; Lincoln's Sparrow, 7; Swamp Sparrow, 20; Song Sparrow, 95; Lapland Longspur, 4; **Chestnut-collared Longspur,** 79; Smith's Longspur, **40** (all longspurs carefully identified as to species). **Total,** 98 species (1 additional subspecies); more than 14,141 individuals. (Seen in area count period: Rough-legged Hawk.)—Abner W. Cook, Jr., G. Dale Hamilton, Mrs. Horace C. Hearne, Horace H. Jeter, Mrs. Ethel D. Jones, George Kneipp, O. C. Sheffield, James R. Stewart, Jr. (compiler), Mathew Turk.

386. **Bismarck, N. Dak.** (same area as last year; deciduous bottomland 20%, mixed conifers and hardwoods at Experiment Station and tree nursery 20%, bottomland fields and meadows 20%, upland fields and prairies 25%, farmsteads and feed lots 5%, weed fields 2%, urban 8%).—Dec. 30; 8 a.m. to 5:15 p.m. Partly cloudy; temp. 38° to 44°; wind NW, 17-38 m.p.h.; no snow, water frozen except small areas in current of Missouri River. Fifteen observers in 7 parties. Total party-hours, 21 (12 on foot, 9 by car); total party-miles, 152 (12 on foot, 140 by car). Rough-legged Hawk, 2; Prairie Falcon, 1; European Partridge, 3; Ring-necked Pheasant, 42; Mourning Dove, 3; Horned Owl, 5; Short-eared Owl, 1; Yellow-shafted Flicker, 10; Hairy Woodpecker, 5; Downy Woodpecker, 4; Blue Jay, 5; Am. Magpie, 26; Black-capped Chickadee, 40; White-breasted Nuthatch, 8; **Mockingbird,** 1 (carefully studied at close range); Townsend's Solitaire, 1; Golden-crowned Kinglet, 3; Bohemian Waxwing, 2; Cedar Waxwing, 42; Gray Shrike, 3; Common Starling, 108; House Sparrow, 729; Common Redpoll, 4; Am. Goldfinch, 14; Slate-colored Junco, 9; Am. Tree Sparrow, 16. **Total,** 26 species; about 1087 individuals. [Extremely neat, well prepared report—Ed.]—Frank Alexander, R. L. Bagwell, J. W. Bischof, E. G. Gahley, Vern Hagen, Kenneth Johnson, Morton Johnson, George Jonkel, Pearla Kapphahn, Wilford Miller, Mrs. Wilford Miller, Daniel Randall, R. N. Randall (compiler), Betty Stephens, Matilda Turner (Bismarck Bird Club).

387. **Des Lacs National Wildlife Refuge, N. Dak.** (same area around Kenmare as 1955).—Dec. 30; 8:30 a.m. to 5:30 p.m. Partly cloudy; temp. 28° to 40°; wind WSW, 40-20 m.p.h.; ground with up to 1-in. snow on the level, 8 in. in coulees, most water areas frozen. Thirty-one observers in 8 parties. Total party-hours, 61 (25 on foot, 36 by car and jeep); total party-miles, 679 (24 on foot, 655 by car and jeep). Rough-legged Hawk, 1; Sparrow Hawk, 1; Sharp-tailed Grouse, 27; European Partridge, 61; Ring-necked Pheasant, 3; Horned Owl, 3; Snowy Owl, 3; Short-eared Owl, 2; Hairy Woodpecker, 4; Downy Woodpecker, 3; Horned Lark, 2; Am. Magpie, 46; Black-capped Chickadee, 42; Am. Robin, 1; Bohemian Waxwing, 22; Common Starling, 21; House Sparrow, 431; Pine Grosbeak, 2; Common Redpoll, 3; Snow Bunting, 561. **Total,** 20 species; about 1239 individuals. (Seen in area count period: Prairie Falcon, Gray Shrike.)—George Bodmer, Henry Bodmer, Mr. and Mrs. H. E. Bodmer, John Bodmer, Paul Bodmer, Mr. and Mrs. Harold Carlson, Dr. and Mrs. Robert T. Gammell (compilers), Mr. and Mrs. H. E. Gross, Robert Gross, Tom Hunt,

Gauthreaux, Mary Lewis, Master Mac Myers, W. T. Von Gohren (New Orleans Branch, L. O. S.).

383. Sabine National Wildlife Refuge, La. (same area as last year; marsh 47%, woods 20%, lakes 11%, fields 10%, beach and jetties 9%, town 3%).—Dec. 30; 6:30 a.m. to 6:30 p.m. Clear; temp. 47° to 71°; wind W to SW, 5-12 m.p.h. Nineteen observers in 7 parties. Total party-hours, 71 (37 on foot, 30 by car, 4 by boat); total party-miles, 448 (29 on foot, 404 by car, 15 by boat). Common Loon, 2; Horned Grebe, 3; Eared Grebe, 3; Pied-billed Grebe, 11; White Pelican, 202; Brown Pelican, 90; Double-crested Cormorant, 2; Olivaceous Cormorant, 2; cormorant (sp.), 27; Great Blue Heron, 60; Am. Egret, 28; Snowy Egret, 18; Louisiana Heron, 14; Little Blue Heron, 3; Green Heron, 2; Black-crowned Night Heron, 91; Am. Bittern, 8; White-faced Ibis, 250; White Ibis, 200; Canada Goose, 400; White-fronted Goose, 400; Snow Goose, 20,000; Blue Goose, 30,000; Mallard, 275; Black Duck, 10; Mottled Duck, 25; Gadwall, 210; Am. Widgeon, 180; Pintail, 123; Green-winged Teal, 11; Blue-winged Teal, 25; Shoveller, 416; Wood Duck, 2; Redhead, 9; Ring-necked Duck, 24; Canvas-back, 12; Lesser Scaup, 61; Ruddy Duck, 2; Hooded Merganser, 9; Red-breasted Merganser, 5; Turkey Vulture, 5; Black Vulture, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 10; Red-shouldered Hawk, 4; **Bald Eagle, 1**; Marsh Hawk, 61; Peregrine Falcon, 1; Pigeon Hawk, 4; Sparrow Hawk, 62; Bob-white, 24; King Rail, 16; Clapper Rail, 2; Virginia Rail, 1; Am. Coot, 155; Snowy Plover, 2; Ringed Plover, 1; Killdeer, 830; Black-bellied Plover, 14; Ruddy Turnstone, 39; Wilson's Snipe, 34; Long-billed Curlew, 5; Spotted Sandpiper, 3; Willet, 27; Greater Yellow-legs, 517; Lesser Yellow-legs, 46; Least Sandpiper, 80; Red-backed Sandpiper, 37; Dowitcher, 124; Semipalmated Sandpiper, 17; Western Sandpiper, 27; **Marbled Godwit, 2**; Sanderling, 34; Am. Avocet, 55; Herring Gull, 224; Ring-billed Gull, 500; Laughing Gull, 485; Bonaparte's Gull, 78; Gull-billed Tern, 17; Forster's Tern, 83; Common Tern, 2; Royal Tern, 71; Caspian Tern, 7; Black Skimmer, 170; Mourning Dove, 49; Ground Dove, 2; Barred Owl, 2; Belted Kingfisher, 28; Yellow-shafted Flicker, 57; Red-bellied Woodpecker, 17; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 10; Downy Woodpecker, 6; Eastern Phoebe, 22; Vermilion Flycatcher, 2; Tree Swallow, 850; Blue Jay, 38; **Am. Crow, 1**; Fish Crow, 11; Brown Creeper, 6; House Wren, 4; Bewick's Wren, 1; Carolina Wren, 3; Mockingbird, 72; Brown Thrasher, 77; Am. Robin, 9; Hermit Thrush, 4; Blue-gray Gnatcatcher, 57; Ruby-crowned Kinglet, 47; Water Pipit, 507; Sprague's Pipit, 12; Cedar Waxwing, 2; Loggerhead Shrike, 97; Common Starling, 1500; White-eyed Vireo, 1; Orange-crowned Warbler, 11; Myrtle Warbler, 5; **Yellow-throated Warbler, 1** (A.T.); Pine Warbler, 18; Palm Warbler, 11; Common Yellowthroat, 8; Black-capped Warbler, 8; **Am. Redstart, 1** (J.G., J.P.); House Sparrow, 125; Eastern Meadowlark, 1675; Western Meadowlark, 1; Red-winged Blackbird, 2500; Boat-tailed Grackle, 1360; Purple Grackle, 160; Brown-headed Cowbird, 409; Cardinal, 93; **Pine Siskin, 1** (J.G.); Am. Goldfinch, 17; Eastern Towhee, 7; Savannah Sparrow, 51; Sharp-tailed Sparrow, 1; Seaside Sparrow, 45; Vesper Sparrow, 30; Field Sparrow, 8; White-crowned Sparrow, 2; White-throated Sparrow, 136; **Fox Sparrow, 1** (O.L., M.H.); Swamp Sparrow, 13; Song Sparrow, 46. **Total,** 143 species; about 67,337 individuals.—John P. Gee (compiler), August Hanniball, Katherine M. Hearne, Mrs. Morris H. Hobbs, Dorothy Howerton, Mrs. Ethel D. Jones, Mr. and Mrs. Robert W. Krebs, Mr. and Mrs. Eric Knobloch, Mrs. O. J. Lawrent, Electa D. Levi, Mary Lewis, Robert B. Moore, John N. Pattison, Tommy Pugh, John Sutherlin, Ava R. Tabor, Mrs. C. G. Taylor.

384. St. Francisville, La. (same area as in 1945; river and lake shore 30%, fields 28%, deciduous bottomland 27%, hardwood upland 10%, marsh 3%, pine forest 2%).—Dec. 22; 5 a.m. to 5:30 p.m. Almost continuous rain; temp. 65° to 77°; wind NW to W, 2-12 m.p.h. Eighteen observers in 7 parties. Total party-hours, 55 (30 on foot, 25 by car); total party-miles, 189 (28 on foot, 161 by car). Pied-billed Grebe, 14; White Pelican, 25; Double-crested Cormorant, 1; Great Blue Heron, 6; Am. Egret, 6; Mallard, 36; Gadwall, 57; Am. Widgeon, 13; Pintail, 1; Wood Duck, 3; Redhead, 4; Ring-necked Duck, 1; Canvas-back, 2; Lesser Scaup, 38; Am. Golden-eye, 6; Buffle-head, 19; Ruddy Duck, 186; merganser (sp.), 1; Turkey Vulture, 16; Black Vulture, 130; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 15; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 4; Sparrow Hawk, 20; Bob-white, 30; Am. Coot, 115; Killdeer, 81; Am. Woodcock, 1; Wilson's Snipe, 6; Spotted Sandpiper, 1; Least Sandpiper, 30; Semipalmated Sandpiper, 1; Western Sandpiper, 10; Herring Gull, 1; Ring-billed Gull, 10; Forster's Tern, 1; Mourning Dove, 20; Screech Owl, 2; Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 14; Yellow-shafted Flicker, 76; Pileated Woodpecker, 3; Red-bellied Woodpecker, 73; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 8; Hairy Woodpecker, 3; Downy Woodpecker, 40; Eastern Phoebe, 21; Rough-winged Swallow, 3; Blue Jay, 160; Am. Crow, 157; Fish Crow, 11; Carolina Chickadee, 115; Tufted Titmouse, 62; Brown Creeper, 1; House Wren, 5; Winter Wren, 3; Bewick's Wren, 6; Carolina Wren, 101; Long-billed Marsh Wren, 3; Mockingbird, 137; Catbird, 2; Brown Thrasher, 100; Am. Robin, 1; Hermit Thrush, 5; Eastern Bluebird, 55; Blue-gray Gnatcatcher, 4; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 80; Water Pipit, 451; Loggerhead Shrike, 134; Common Starling, 413; White-eyed Vireo, 1; Orange-crowned Warbler, 4; Myrtle Warbler, 488; Pine Warbler, 13; Palm Warbler, 1; Common Yellowthroat, 2; Black-capped Warbler, 2; House Sparrow, 217; Eastern Meadowlark, 155; Western Meadowlark, 1; Red-winged Blackbird, 1931; Rusty Blackbird, 420; Brewer's Blackbird, 5; Purple Grackle, 1218; Brown-headed Cowbird, 1438; Cardinal, 259; Am. Goldfinch, 176; Eastern Towhee, 86; Savannah Sparrow, 17; Henslow's Sparrow, 1; Vesper

James McCulley, Dr. and Mrs. L. E. McCulley, Mr. and Mrs. A. J. Pederson, Rodli Pederson, Ruth Pederson, R. J. Riley, Ross Riley, Darryl Rytter, Lyla Rytter, Russell Rytter, Viggo Rytter, Edward Smith, Charlotte Thompson, Judith Thompson, Walter Thompson (Kenmare Bird Club).

388. Fargo, N. Dak.–Moorhead, Minn. (as last year, 7½-mile radius centering on Red River 4½ miles north of Fargo, including Red River Valley from Riverside Cemetery north to confluence of Red and Sheyenne Rivers, portions of both Sheyenne and Buffalo Rivers; flood plain deciduous growth 25%, agricultural land 37%, coniferous shelterbelt 3%, deciduous shelterbelt 4%, city parks and cemetery 23%, city 7%, slough 1%).—Dec. 29; 7:45 a.m. to 5:10 p.m. Overcast; temp. 26° to 29°; wind ENE, 8 m.p.h.; ground with 1-3-in. snow, rivers frozen except Red River north of Fargo; previous weeks strikingly mild. Four observers in 1-4 parties. Total party-hours, 15 (9 on foot, 6 by car); total party-miles, 96 (8 on foot, 88 by car). **Sparrow Hawk, 1**; European Partridge, 32; Ring-necked Pheasant, 6; Horned Owl, 3; Long-eared Owl, 1; Yellow-shafted Flicker, 14; **Red-headed Woodpecker, 1** (J.A., D.H.); Hairy Woodpecker, 10; Downy Woodpecker, 9; Blue Jay, 3; **Am. Magpie, 1**; Am. Crow, 8; Black-capped Chickadee, 36; White-breasted Nuthatch, 18; Bohemian Waxwing, 12; Cedar Waxwing, 45; Gray Shrike, 2; Common Starling, 44; House Sparrow, 1825+; Red-winged Blackbird, 11; Pine Grosbeak, 1; Am. Goldfinch, 4; Slate-colored Junco, 10; **Harris's Sparrow, 1** (carefully identified); **Song Sparrow, 1** (carefully identified); Lapland Longspur, 5; Snow Bunting, 200; unidentified birds, 5. **Total,** 27 species; about 2309 individuals.—John Anderson, J. Frank Cassel (compiler), Marilyn Flor, Delbert Hlavinka.

389. Grand Forks County, N. Dak. (North Dakota side of Red River lying within a 7½-mile radius centered 3 miles west of Grand Forks Airport on U.S. Highway 2; cultivated prairie, pasture, and hay land 90%, wooded Red River banks and city of Grand Forks 10%).—Jan. 1; 8:30 a.m. to 5:30 p.m. Clear; temp. –13° to –4°; wind NW to SE, 6-8 m.p.h.; 1-in. snow on ground. One observer. Total hours, 8 (4 on foot, 4 by car); total miles, 109 (5 on foot, 104 by car). Snowy Owl, 1; Hairy Woodpecker, 2; Black-capped Chickadee, 6; White-breasted Nuthatch, 2; Am. Robin, 1; Common Starling, 2; House Sparrow, 210; Snow Bunting, 500. **Total,** 8 species; about 724 individuals.—Lawrence Summers.

390. Lower Souris National Wildlife Refuge, N. Dak. (Refuge Headquarters to Upham, thence east across marsh to riverbottom between Dam I and Willow Creek; marsh 33%, meadow 33%, wooded riverbottom 34%).—Dec. 26; 8:30 a.m. to 5 p.m. Overcast; temp. 32° to 40°; wind NW, 20-25 m.p.h.; ground with up to 6-in. snow, open water in running stream near Dam 3. Three observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 42 (12 on foot, 30 by car). Sharp-tailed Grouse, 10; Ring-necked Pheasant, 57; Horned Owl, 2; Yellow-shafted Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 2; Blue Jay, 1; Am. Magpie, 3; Black-capped Chickadee, 19; White-breasted Nuthatch, 6; Bohemian Waxwing, 47; Common Starling, 2; House Sparrow, 150; Red-winged Blackbird, 60; **Purple Finch, 4** (carefully identified at close range); Snow Bunting, 115. **Total,** 16 species; about 482 individuals. (Seen in area count period: European Partridge, Horned Lark, Am. Crow, Pine Grosbeak, Slate-colored Junco.)—D. V. Gray, M. C. Hammond (compiler), O. H. Wells.

391. Snake Creek National Wildlife Refuge, N. Dak. (Refuge plus adjoining country along Missouri River; open prairie, dense wooded cover).—Dec. 26; 8 a.m. to 5:30 p.m. Clear; temp. 41° to 30°; wind NW, 14 m.p.h. Two observers in 1 party. Total party-hours, 8 (5 on foot, 3 by car); total party-miles, 46 (6 on foot, 40 by car). Mallard, 606; Am. Merganser, 8; Rough-legged Hawk, 2; Bald Eagle, 3; Marsh Hawk, 1; European Partridge, 13; Ring-necked Pheasant, 4; Downy Woodpecker, 2; Am. Magpie, 4; Black-capped Chickadee, 10; White-breasted Nuthatch, 3; Gray Shrike, 1; Common Starling, 1; House Sparrow, 13; White-crowned Sparrow, 1; Lapland Longspur, 44. **Total,** 16 species; about 716 individuals.—Blaine Meier, Jerald Wilson (compiler).

392. Upper Souris National Wildlife Refuge, N. Dak. (7½-mile radius centering on refuge headquarters, including lower Lake Darling, portions of Souris and Des Lacs valleys, considerable prairie; prairie farmland 70%, wooded coulees 20%, frozen marsh 10%).—Dec. 28; 8:15 a.m. to 5:05 p.m. Overcast; temp. 32° to 34°; wind NW, 5-10 m.p.h.; only trace of snow remaining after unseasonably warm week. One observer. Total hours, 9 (3 on foot, 6 by car); total miles, 66 (5 on foot, 61 by car). Canada Goose, 1; Mallard, 13; Pintail, 2; Lesser Scaup, 1; Rough-legged Hawk, 1; Sharp-tailed Grouse, 30; European Partridge, 13; Ring-necked Pheasant, 1; Downy Woodpecker, 1; **Blue Jay, 1**; Am. Magpie, 9; Black-capped Chickadee, 5; Bohemian Waxwing, 105; Common Starling, 2; House Sparrow, 112. **Total,** 15 species; 297 individuals. (Seen in area count period: Am. Golden-eye, Golden Eagle, Horned Owl, Snowy Owl, Gray Shrike, Tree Sparrow, Snow Bunting.)—Frank R. Martin.

393. Huron, S. Dak. (7½-mile radius centering about 7½ south of Highway 14 on Highway 37; cemetery and Riverside Park on James River with deciduous and coniferous trees 50%, Pearl Creek banks with shrubs and weeds 20%, open virgin prairie 15%, town streets and yards 15%).—Dec. 29; 7:30 a.m. to 3:30 p.m. Broken clouds a.m., overcast p.m.; temp. 33° to 42°; wind NW, 8-30 m.p.h.; snow in sheltered spots, river and creek partly frozen. Eight observers in 1 party. Total party-hours, 8 (5 on foot, 3 by car); total party-miles, 138 (12 on foot, 126 by car). Ring-necked Pheasant, 6; Long-eared Owl, 1; Short-eared Owl, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Horned Lark, 22; Black-capped Chickadee, 2; White-breasted Nuthatch, 1; Red-

breasted Nuthatch, 1; Brown Creeper, 4; **Townsend's Solitaire, 2** (in cemetery since Dec. 1, seen by numerous observers); Common Starling, 2; House Sparrow, 225; Cardinal, 1; Am. Goldfinch, 25; Slate-colored Junco, 12; Am. Tree Sparrow, 32; **Harris's Sparrow, 1** (unusually numerous this Fall); Song Sparrow, 1. **Total,** 19 species; about 341 individuals. —Blanche Battin, Mrs. Robert Burns, James W. Johnson, Mrs. James W. Johnson, Hubert Ketelle, Mrs. Hubert Ketelle (compiler), Mary Aberdeen Ketelle, Mrs. Grace Wright.

394. Lacreek National Wildlife Refuge, S. Dak. (same area as previous years; marsh and reservoir 40%, meadow 40%, willow thickets 20%). —Dec. 27; 7 a.m. to 3:30 p.m. Partial overcast most of day; temp 27° to 53°; wind SW TO NW, 8-20 m.p.h.; traces of snow in shaded areas, pools frozen except below spillways. One observer. Total hours, 8 (3 on foot, 5 by car); total miles, 30 (3 on foot, 27 by car). Canada Goose, 106 (mostly captive); Mallard, 10,122; Am. Golden-eye, 17; Rough-legged Hawk, 11; Golden Eagle, 3; Bald Eagle, 1; Marsh Hawk, 2; Sharp-tailed Grouse, 1; Ring-necked Pheasant, 208; Horned Owl, 1; Red-shafted Flicker, 3; Downy Woodpecker, 2; Am. Magpie, 3; Am. Crow, 4; Black-capped Chickadee, 3; House Sparrow, 5; Red-winged Blackbird, 1; Common Redpoll, 4; Am. Tree Sparrow, 23; Lapland Longspur, 15. **Total,** 20 species; about 10,535 individuals.—Kenneth Krumm.

395. Madison, S. Dak. (7½-mile radius from Center and Egan Avenues; rolling land 10%, cultivated crop lands 75% [15% = ?—Ed.]).—Dec. 30; 8 a.m. to 5 p.m.; temp. 30° to 30°; wind 2-10 m.p.h.; no snow cover, lakes frozen. Two observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 182 (10 on foot, 172 by car). Peregrine Falcon, 1; Ring-necked Pheasant, 382; Mourning Dove, 1; Horned Owl, 4; Yellow-shafted Flicker, 6; Hairy Woodpecker, 1; Downy Woodpecker, 7; Horned Lark, 106; Blue Jay, 2; Am. Crow, 2652; Black-capped Chickadee, 28; White-breasted Nuthatch, 2; Am. Robin, 3; Common Starling, 268; House Sparrow, 312; Western Meadowlark, 8; Red-winged Blackbird, 13; Purple Grackle, 1; Cardinal, 2; Am. Goldfinch, 6; Slate-colored Junco, 28; Lapland Longspur, 60. **Total,** 22 species; about 3893 individuals. —Ruth Habeger (compiler), Douglas O'Connell.

396. Rapid City, S. Dak. (same area as last year; pine forests 20%, deciduous streambottoms 41%, prairie 32%, reservoir, parks and ponds 3%, cemeteries and residential area 4%).—Dec. 30; 7:20 a.m. to 4:30 p.m. Clear to partly cloudy; temp. 50° to 57°; wind NNW, 20-30 m.p.h.; ground bare, generally open water. Seventeen observers in 10 parties. Total party-hours, 81 (44 on foot, 37 by car); total party-miles, 270 (25 on foot, 245 by car). Mallard, 815; Gadwall, 4; Redhead, 1; Sharp-shinned Hawk, 1; Rough-legged Hawk, 1; Golden Eagle, 1; Sparrow Hawk, 2; European Partridge, 3; Ring-necked Pheasant, 7; Wilson's Snipe, 1; Horned Owl, 2; Long-eared Owl, 1; Belted Kingfisher, 2; Hairy Woodpecker, 4; Downy Woodpecker, 6; Horned Lark, 4; Gray Jay, 1; Blue Jay, 1; Am. Magpie, 30; Piñon Jay, 80; Black-capped Chickadee, 96; White-breasted Nuthatch, 10; Brown Creeper, 7; Am. Dipper, 1; **Cañon Wren, 1** (carefully studied at close range); Townsend's Solitaire, 7; Gray Shrike, 1; **Loggerhead Shrike, 1**; Common Starling, 40; House Sparrow, 35; Western Meadowlark, 2; Evening Grosbeak, 20; Pine Siskin, 70; Am. Goldfinch, 4; White-winged Junco, 31; Slate-colored Junco, 29; Am. Tree Sparrow, 17. **Total,** 37 species; about 1339 individuals. (Oregon Junco, Am. Merganser seen count period.)—Gertrude Bachman, Leroy Barber, Harry C. Behrens, Mrs. Roland A. Gray, Ronnie Gray, Richard Hurd (compiler), Mrs. Richard M. Hurd, Mr. and Mrs. Ralph G. Mickle, Mr. and Mrs. Charles P. Pase, Esther Serr, Mrs. Charlotte G. Snyder, Mrs. Lena C. Trench, N. R. Whitney, Jr., Mr. and Mrs. Lenord B. Yarger.

397. Sand Lake National Wildlife Refuge, S. Dak. (7½-mile radius centering on refuge building site 3, including refuge periphery from Weismantel Grade on south to Hecla Grade on north, and including Hecla and Houghton; open prairie 5%, deciduous shelterbelts and woodlots 40%, open farmland 20%, cattail–phragmites marsh 10%, pasture 20%, farm feed lots 5%).—Dec. 22; 8:15 a.m. to 5:30 p.m. Overcast; temp. 25° to 28°; wind NW, 0-5 m.p.h.; practically no snow cover, water frozen except for 2 open holes. Three observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 83 (9 on foot, 74 by car). Canada Goose, 296 (18 Lesser); Snow Goose, 17; Blue Goose, 4; Mallard, 8065; Black Duck, 1; Pintail, 2; Rough-legged Hawk, 7; Marsh Hawk, 1; Ring-necked Pheasant, 414; Mourning Dove, 1; Screech Owl, 1; Horned Owl, 3; Snowy Owl, 5; Short-eared Owl, 1; Yellow-shafted Flicker, 1; Downy Woodpecker, 8; Horned Lark, 2; Blue Jay, 8; Am. Crow, 1; Black-capped Chickadee, 11; Common Starling, 61; House Sparrow, 1008; Red-winged Blackbird, 21; **Rusty Blackbird, 2** (carefully identified); **Yellow-headed Blackbird, 1**; Am. Goldfinch, 100; Am. Tree Sparrow, 5; Lapland Longspur, 500. **Total,** 28 species (1 additional subspecies); about 10,547 individuals. (Seen count period: Peregrine Falcon, Gray Shrike, Western Meadowlark.)—Howard S. Huenecke (compiler), K. Duane Norman, Elmer P. F. Podoll.

398. Sioux Falls, S. Dak. (7½-mile radius centered at Rice St. and Cliff Ave., including Big Sioux River, Cactus Hills; deciduous wooded valley and hills 75%, town and parks 20%, farmland 5%).—Dec. 23; 8:30 a.m. to 4:30 p.m. Cloudy; temp. 20° to 26°; wind NW, 10 m.p.h.; some light snow in wooded areas, river and streams frozen except few open places. Twenty-two observers in 8 parties. Total party-hours, 64 (48 on foot, 16 by car); total party-miles, 188 (33 on foot, 155 by car). Mallard, 2; Red-tailed Hawk, 1; Rough-legged Hawk, 3; Sparrow Hawk, 1; Ring-necked Pheasant, 111; Mourning Dove, 13; Horned Owl, 6; Yellow-shafted Flicker, 13; Red-shafted Flicker, 2; Hairy Woodpecker, 22; Downy

Woodpecker, 41; Blue Jay, 12; Am. Crow, 107; Black-capped Chickadee, 304; White-breasted Nuthatch, 17; **Brown Thrasher, 1** (at feeder daily); Loggerhead Shrike, 3; Common Starling, 348; House Sparrow, 724; Western Meadowlark, 49; Rusty Blackbird, 4; Cardinal, 11; Am. Goldfinch, 56; Slate-colored Junco, 196; Oregon Junco, 7; Am. Tree Sparrow, 103; Harris's Sparrow, 20; Lapland Longspur, 10. **Total,** 28 species; about 2187 individuals. [Exceptionally neat, carefully prepared report—Ed.] —Mr. and Mrs. James Berdahl, Mr. and Mrs. Herman Chapman, Mr. and Mrs. J. S. Findley, Bill Goebel, George L. Goebel (compiler), Mrs. Mary Lancelot, Ann Mundelein, Clifford Pay, Mr. and Mrs. Maynard Pearson, Mr. and Mrs. Charles Rogge, Willard Rosine, Ted Scott, Mr. and Mrs. Mark Wilson, Mr. and Mrs. Melvin Wheeler, Russell Ziegahn (Sioux Falls Audubon Society).

399. Waubay National Wildlife Refuge, S. Dak. (entire 4651 acres of Waubay National Wildlife Refuge, 9 miles north of Waubay; water area 50%, deciduous woodland 25%, agricultural land 10%, prairie and hay meadows 15%).—Dec. 28; 8 a.m. to 5 p.m. Overcast; temp. 32° to 36°; wind NW, 15 m.p.h.; no snow, water areas frozen except for springs and creek. One observer. Total hours, 8 (6 on foot, 2 by car); total party-miles, 37 (5 on foot, 32 by car). Mallard, 100; Am. Golden-eye, 1; Ring-necked Pheasant, 9; Blue Jay, 1; Black-capped Chickadee, 1; Gray Shrike, 1; House Sparrow, 8; Common Redpoll, 200. **Total,** 8 species; about 321 individuals. —E. J. Fromelt.

400. Wilmot, S. Dak. (began at Sodak Park and drove 14 miles west, then 2 miles south and 14 miles east to Hartford Beach; marshland 3%, creek-bottom 3%, woodland 5%, prairie 91% [=102%—Ed.]).—Dec. 27; 8 a.m. to 5 p.m. Partly cloudy to overcast; temp. 32° to 40°; wind S, 5 m.p.h.; ground with scattered snow. Two observers in 1 party. Total party-hours, 8 (3 on foot, 5 by car); total party-miles, 51 (5 on foot, 46 by car). Ring-necked Pheasant, 10; Horned Owl, 4; Yellow-shafted Flicker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 14; Horned Lark, 55; Blue Jay, 1; Am. Crow, 4; Black-capped Chickadee, 30; White-breasted Nuthatch, 6; Brown Creeper, 3; Common Starling, 8; House Sparrow, 85; Red-winged Blackbird, 1; Am. Goldfinch, 1; Slate-colored Junco, 1; Am. Tree Sparrow, 12; Lapland Longspur, 39. **Total,** 17 species; about 283 individuals. (Seen count period: **Cardinal.**)—Mr. and Mrs. Bruce K. Harris.

401. Yankton, S. Dak. (same area as last year).—Dec. 25; 7:30 a.m. to 6:30 p.m. Clear, becoming cloudy at noon; temp. 29° to 41°; wind NW, 5-12 m.p.h.; snow patches in shaded spots, James River mostly open, Missouri River open, Mud Creek and Rhine Creek frozen. Two observers in 1 party. Total party-hours, 11 (3 on foot, 8 by car); total party-miles, 83 (6 on foot, 77 by car). Mallard, 800; Red-tailed Hawk, 1; Ring-necked Pheasant, 23; Red-bellied Woodpecker, 2; Downy Woodpecker, 6; Blue Jay, 4; Am. Crow, 15; Black-capped Chickadee, 20; Common Starling, 154; House Sparrow, 115; Cardinal, 5; Am. Goldfinch, 14; Slate-colored Junco, 23; Am. Tree Sparrow, 297. **Total,** 14 species; about 1479 individuals. (In area count period: Sparrow Hawk, Hairy Woodpecker, White-breasted Nuthatch, Brown Creeper.) [Very neat, carefully prepared report—Ed.]—Willis Hall (compiler), Mrs. Willis Hall.

402. Beatrice, Nebr. (same area as previous years).—Dec. 30; 7:30 a.m. to 5 p.m. Clear; temp. 30° to 61°; wind N, 8-20 m.p.h.; very dry, some thin ice. Eight observers in 3 parties. Total party-hours, 72 (19 on foot, 53 by car); total party-miles, 285 (25 on foot, 260 by car). Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Marsh Hawk, 9; Sparrow Hawk, 9; Bob-white, 31; Ring-necked Pheasant, 1; Horned Owl, 2; Yellow-shafted Flicker, 10; Red-headed Woodpecker, 3; Hairy Woodpecker, 13; Downy Woodpecker, 7; Horned Lark, 81; Blue Jay, 3; Am. Crow, 203; Black-capped Chickadee, 136; Tufted Titmouse, 13; White-breasted Nuthatch, 7; Brown Creeper, 1; Winter Wren, 4; Am. Robin, 7; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 4; Loggerhead Shrike, 3; Common Starling, 73; House Sparrow, 198; Eastern Meadowlark, 23; Western Meadowlark, 49; Red-winged Blackbird, 3; Brown-headed Cowbird, 50; Cardinal, 35; Am. Goldfinch, 129; **Vesper Sparrow, 20**; Slate-colored Junco, 106; Am. Tree Sparrow, 207; Field Sparrow, 6; Harris's Sparrow, 132; Song Sparrow, 4. **Total,** 37 species; about 1592 individuals.—Vera Anderson (compiler), Mildred Luebben, Roxana Peckman, John Ramming, Nellie Ramming, Esther Smith, Mary Sturmer, Nellie Watson.

403. Crescent Lake National Wildlife Refuge, Nebr. (eastern ¾ of refuge covered).—Jan. 1; 8:45 a.m. to 5:30 p.m.; temp. 30° to 50°; wind variable, slight; standing water frozen, no snow on ground. Three observers in 1 party. Total party-hours, 8¾ (1¾ on foot, 7 by car); total party-miles, 38 (1 on foot, 37 by car). Rough-legged Hawk, 4; Golden Eagle, 6; Marsh Hawk, 1; Ring-necked Pheasant, 38; Horned Owl, 1; Horned Lark, 17; Am. Magpie, 7; Loggerhead Shrike, 2; Red-winged Blackbird, 78; Slate-colored Junco, 8; Oregon Junco, 12; Am. Tree Sparrow, 396. **Total,** 12 species; about 570 individuals. (Seen count period: Bald Eagle, Sharp-tailed Grouse, Short-eared Owl, Downy Woodpecker.)—Richard S. Rodgers (compiler), Wilbert A. Rodgers, Mrs. Wilbert A. Rodgers.

404. Crete, Nebr. (same area as 1948 and subsequent years).—Dec. 24; 7 a.m. to 5 p.m. Clear; temp. 20° to 28°; wind N, 10-15 m.p.h.; no snow, ponds frozen, 75% of Blue River frozen; very mild fall. Two observers in 1 party. Total party-hours, 10 (6 on foot, 4 by car); total party-miles, 50 (15 on foot, 35 by car). Red-tailed Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 2; Ring-necked Pheasant, 9; Horned Owl, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 8; Horned

Lark, 48; Am. Crow, 29; Black-capped Chickadee, 62; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 3; Am. Robin, 1; Common Starling, 169; House Sparrow, 103; Western Meadowlark, 31; Cardinal, 4; Am. Goldfinch, 27; Slate-colored Junco, 3; Am. Tree Sparrow, 165; Harris's Sparrow, 5; Song Sparrow, 1. **Total,** 23 species; about 680 individuals. (Seen in area count period: Red-bellied Woodpecker, Mourning Dove, Brown Creeper, Spotted Towhee.) —J. L. C. Rapp, W. F. Rapp, Jr. (compiler).

405. **Grand Island, Nebr.** (same area as last year).—Dec. 31; 8:30 a.m. to 5:30 p.m. Partly cloudy; temp. 28° to 50°; wind N to NW, 10 m.p.h.; ground clear of snow, fresh water partially frozen but water running. Three observers in 1 party. Total party-hours, 9 (4 on foot, 5 by car); total party-miles, 78 (8 on foot, 70 by car). Rough-legged Hawk, 2; Ring-necked Pheasant, 3; Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 20; Blue Jay, 1; Am. Crow, 15; Black-capped Chickadee, 12; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 2; Brown Creeper, 6; Eastern Bluebird, 1; Golden-crowned Kinglet, 2; Common Starling, 300; House Sparrow, 400; Western Meadowlark, 14; Cardinal, 13; Am. Goldfinch, 2; Slate-colored Junco, 29; Am. Tree Sparrow, 63; Harris's Sparrow, 13; Song Sparrow, 2. **Total,** 25 species; about 918 individuals.—Verneil E. Griffin (compiler), Floyd Urbach, Lester H. Urbach.

406. **Halsey, Nebr.** (area in Nebraska National Forest same as last 11 years).—Dec. 25; 8:30 a.m. to 5:30 p.m. Mostly cloudy; temp. 30° to 45°; wind W, 6-10 m.p.h.; ground bare. One observer. Total hours, 9; total miles, 12 (all on foot). Rough-legged Hawk, 1; Sharp-tailed Grouse, 5; Yellow-shafted Flicker, 1; Hairy Woodpecker, 1; Am. Crow, 10; Black-capped Chickadee, 6; Red-breasted Nuthatch, 1; Am. Robin, 6; Townsend's Solitaire, 6; Golden-crowned Kinglet, 20; Cedar Waxwing, 100; Cardinal, 2; Am. Goldfinch, 8; Slate-colored Junco, 60; Am. Tree Sparrow, 69. **Total,** 15 species; about 296 individuals.—Carl E. Smith.

407. **Hastings, Nebr.** (same area as last year; parks, Parkview Cemetery, Crystal Lake area, woodlands along Little Blue River).—Jan 1; 7:30 a.m. to 5 p.m. [Clear, cloudy, rain or snow?—Ed.]; temp. 25° to 33°; wind 10-15 m.p.h. One observer. Total hours, 9; total miles, 35 (5 on foot, 30 by car). Mallard, 2; Red-tailed Hawk, 1; Swainson's Hawk, 2; Rough-legged Hawk, 4; Marsh Hawk, 3; Sparrow Hawk, 1; Bob-white, 7; Ring-necked Pheasant, 4; Mourning Dove, 18; Horned Owl, 5; Belted Kingfisher, 2; Yellow-shafted Flicker, 15; Red-shafted Flicker, 20; Red-bellied Woodpecker, 15; Hairy Woodpecker, 3; Downy Woodpecker, 25; Horned Lark, 500; Am. Crow, 25; Black-capped Chickadee, 500; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 3; Brown Creeper, 1; **House Wren, 1** (carefully identified); Winter Wren, 3; Am. Robin, 7; Townsend's Solitaire, 1; Ruby-crowned Kinglet, 8; Water Pipit, 2; Common Starling, 500; House Sparrow, 350; Eastern Meadowlark, 5; Western Meadowlark, 33; Red-winged Blackbird, 200; Rusty Blackbird, 2; Cardinal, 25; Am. Goldfinch, 100; Spotted Towhee, 2; Slate-colored Junco, 100; Oregon Junco, 3; Am. Tree Sparrow, 300; Harris's Sparrow, 100; White-crowned Sparrow, 8; Song Sparrow, 150; Lapland Longspur, 300. **Total,** 44 species; about 3366 individuals. (Seen official count period: Pintail, Shoveller, **Purple Grackle, Mockingbird.**)—Burton Nelson.

408. **Kearney, Nebr.** (6-mile radius centered between Kearney and Odessa, including Officer Pits, Kearney Lake, Kearney Cemetery, Cottonmill Lake, Platte River; deciduous woodland 35%, cemetery 15%, river edge 15%, roadsides 35%).—Jan. 1; 7 a.m. to 5 p.m. Overcast, damp; temp 27° to 31°; wind NE, 5 m.p.h.; ground without snow, ponds up to half frozen, river mostly open. Six observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 75 (5 on foot, 70 by car). Mallard, 3; Cooper's Hawk, 1; Rough-legged Hawk, 8; Sparrow Hawk, 1; Mourning Dove, 3; Horned Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 7; Red-shafted Flicker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 8; Horned Lark, 31; Am. Magpie, 1; Am. Crow, 3050; Black-capped Chickadee, 22; Brown Creeper, 1; Am. Robin, 56; Gray Shrike, 1; Common Starling, 100; House Sparrow, 102; Western Meadowlark, 11; Red-winged Blackbird, 101; Brown-headed Cowbird, 1; Cardinal, 4; Am. Goldfinch, 71; Slate-colored Junco, 38; Oregon Junco, 4; Am. Tree Sparrow, 400; Harris's Sparrow, 19; White-crowned Sparrow, 10; Lapland Longspur, 30. **Total,** 31 species; about 4094 individuals.—John C. W. Bliese (compiler), Mrs. Martha Conyers, Raymond Dage, Chris W. Hansen, Mrs. Chris W. Hansen.

409. **Lincoln, Nebr.** (as last year 7½-mile radius centering at 14th and A Streets).—Jan. 1; 8 a.m. to 5 p.m. Cloudy to clear; temp. 25° to 33°; wind NE to E, 9 m.p.h.; ground bare, creeks open, ponds partly frozen. Eleven observers in 4 parties. Total party-hours, 29 (20 on foot, 9 by car); total party-miles, 142 (19 on foot, 123 by car). Snow Goose, 1; Mallard, 37; Pintail, 2; Cooper's Hawk, 2; Red-tailed Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 1; Screech Owl, 1; Horned Owl, 4; Long-eared Owl, 2; Yellow-shafted Flicker, 4; Red-shafted Flicker, 5; Red-bellied Woodpecker, 10; **Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2;** Hairy Woodpecker, 7; Downy Woodpecker, 15; Horned Lark, 1; Blue Jay, 7; Am. Crow, 139; Black-capped Chickadee, 71; Tufted Titmouse, 31; White-breasted Nuthatch, 9; Brown Creeper, 4; Am. Robin, 1; Golden-crowned Kinglet, 22; Common Starling, 131; House Sparrow, 293; meadowlark (sp.), 100; Red-winged Blackbird, 23; Cardinal, 40; Am. Goldfinch, 152; Eastern Towhee, 2; Slate-colored Junco, 434; Am. Tree Sparrow, 585; Harris's Sparrow, 105; White-crowned Sparrow, 1; Song Sparrow, 12. **Total,** 40 species; about 2267 individuals. (Seen count period: Sharp-shinned Hawk,

Cedar Waxwing, Purple Grackle.) [Exceptionally neat, carefully prepared report—ED.]—Henry E. Baumgarten, Howard P. Doole, Mrs. W. A. Fleming, Ruth T. V. Johnson, Mrs. C. G. Pritchard, C. G. Pritchard (compiler), Mr. and Mrs. G. A. Spidel, Mr. and Mrs. H. V. Whitmus, Don Williams (Audubon Naturalists' Club and University Place Bird Club).

410. Scottsbluff, Nebr. (Riverside Park, Riverview Golf Course west along river, north to Tub Springs, east to cemetery, northeast to lake country, south to Badlands, Gering Cemetery; pasture 25%, deciduous growth 35%, hilly country 20%, water 15%, town 5%).—Dec. 28; 7:30 a.m. to 4:30 p.m. Clear to partly cloudy; temp. 27° to 53°; wind N to NW, 5-25 m.p.h.; ponds frozen, lakes partly frozen, snow on north side of hills. Seven observers in 4 parties. Total party-hours, 32 (6 on foot, 26 by car); total party-miles, 151 (7 on foot, 144 by car). Mallard, 17,125; Blue-winged Teal, 5; Lesser Scaup, 13; Am. Golden-eye, 2; Am. Merganser, 5; Rough-legged Hawk, 3; Marsh Hawk, 3; Sparrow Hawk, 4; Bobwhite, 36; Ring-necked Pheasant, 7; Killdeer, 3; Wilson's Snipe, 5; Horned Owl, 1; Belted Kingfisher, 1; Red-shafted Flicker, 24; Hairy Woodpecker, 1; Downy Woodpecker, 3; Horned Lark, 71; Blue Jay, 5; Am. Magpie, 93; Am. Crow, 2; Piñon Jay, 5; Black-capped Chickadee, 47; Winter Wren, 1; Am. Robin, 89; Townsend's Solitaire, 3; Gray Shrike, 3; Common Starling, 239; House Sparrow, 550; Western Meadowlark, 76; Red-winged Blackbird, 577; Evening Grosbeak, 9; Pine Siskin, 3; Am. Goldfinch, 15; Slate-colored Junco, 44; Oregon Junco, 77 (52 Pink-sided); Am. Tree Sparrow, 18; White-crowned Sparrow, 50. **Total,** 38 species (1 additional subspecies); about 19,218 individuals.—Mr. and Mrs. Frank Anderson, Mrs. John Robb, Mrs. M. A. J. Olson, Mary Ann Wake (compiler), Mrs. Carl Franzen, Mrs. J. W. Brashear.

411. Valentine National Wildlife Refuge, Nebr. (same area as previous years).—Dec. 28; 8 a.m. to 5 p.m. Partly cloudy to cloudy; temp. 45° to 52°; wind SW, 15-25 m.p.h.; no snow, lakes mostly frozen. One observer. Total hours, 9 (1 on foot, 8 by car); total miles, 42 (2 on foot, 40 by car). Canada Goose, 3; Mallard, 1; Am. Merganser, 6; Rough-legged Hawk, 6; Golden Eagle, 1; Bald Eagle, 1; Marsh Hawk, 6; Prairie Falcon, 1; Sharp-tailed Grouse, 43; Ring-necked Pheasant, 115; Horned Owl, 3; Yellow-shafted Flicker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Horned Lark, 4; Am. Magpie, 2; Am. Crow, 28; Black-capped Chickadee, 1; Mockingbird, 1; Gray Shrike, 2; Common Starling, 26; House Sparrow, 45; Western Meadowlark, 1; Slate-colored Junco, 2; Oregon Junco, 7; Am. Tree Sparrow, 675; Lapland Longspur, 120. **Total,** 27 species; about 1105 individuals. (Seen week of count: Wilson's Snipe, Screech Owl, Winter Wren.)—George L. Wiseman.

412. Baldwin, Kans. (7½-mile radius centering 2 miles north of junction of Highways 50 and 59, including Lone Star and Baldwin Lakes, Vinland Cemetery region; open farmland 42%, wooded creeks 30%, lake shores 10%, cedar groves 15%, town and suburbs 3%).—Dec. 27; 7:30 a.m. to 5 p.m. Clear to partly cloudy; temp. 35° to 50°; wind S, 2-10 m.p.h.; lakes partly frozen, ground muddy. Twelve observers in 4 parties. Total party-hours, 32 (15 on foot, 17 by car); total party-miles, 206 (15 on foot, 191 by car). Goose (sp.), 300; Mallard, 36; Gadwall, 2; Canvasback, 5; Am. Merganser, 10; Cooper's Hawk, 1; Red-tailed Hawk, 40; Harlan's Hawk, 7; Marsh Hawk, 11; Sparrow Hawk, 12; Bob-white, 53; Mourning Dove, 28; Horned Owl, 5; Barred Owl, 1; Long-eared Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 21; Red-shafted Flicker, 1; Red-bellied Woodpecker, 28; Red-headed Woodpecker, 27; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 23; Horned Lark, 271; Blue Jay, 103; Am. Crow, 156; Black-capped Chickadee, 179; Tufted Titmouse, 83; White-breasted Nuthatch, 7; Winter Wren, 1; Carolina Wren, 7; Mockingbird, 8; Am. Robin, 38; Eastern Bluebird, 9; **Mountain Bluebird, 15** (verified repeatedly since count); Golden-crowned Kinglet, 2; Cedar Waxwing, 2; Loggerhead Shrike, 15; Common Starling, 1718; House Sparrow, 1002; Eastern Meadowlark, 57; Western Meadowlark, 131; meadowlark (sp.), 67; Red-winged Blackbird, 2; Rusty Blackbird, 85; Purple Grackle, 2; Brown-headed Cowbird, 10; blackbird (sp.), 325; Cardinal, 203; Am. Goldfinch, 111; [Eastern Towhee, 2 + Spotted Towhee, 1]; Savannah Sparrow, 1; Slate-colored Junco, 645; Am. Tree Sparrow, 690; Field Sparrow, 40; Harris's Sparrow, 241; White-crowned Sparrow, 35; White-throated Sparrow, 17; Song Sparrow, 28; Lapland Longspur, 180. **Total,** 58 species (1 additional subspecies); about 7111 individuals. (Seen during week: Brown Creeper.)—Amelia J. Betts (compiler), Barbara Boyd, Mr. and Mrs. I. L. Boyd, Roger Boyd, Mr. and Mrs. T. A. Evans, Mrs. C. W. Gates, Katherine Kelley, Mrs. Francis McKaughan, R. F. Miller, Grace Preston (Baldwin Bird Club).

413. Halstead, Kans. (7½-mile radius centered 1 mile west of Halstead, chiefly along Little Arkansas River, slight portions of Emma Creek; wooded river and creek 65%, hedgerows 5%, town 1%, farmland and meadow 27%, weedy bottoms 2%).—Dec. 26; 7:20 a.m. to 5:20 p.m. Clear; temp. 33° to 50°; wind N to NW, 12 m.p.h.; river open, lesser creeks dry, ground almost open. Six observers mostly in 3 parties. Total party-hours, 25 (15 on foot, 10 by car); total party-miles, 123 (9 on foot, 114 by car). Mallard, 18; Lesser Scaup, 6; Cooper's Hawk, 1; Red-tailed Hawk, 11; Rough-legged Hawk, 13; buteo (sp.), 1; Marsh Hawk, 3; Prairie Falcon, 1; Sparrow Hawk, 6; Bobwhite, 1; Ring-necked Pheasant, 13; Killdeer, 1; Mourning Dove, 4; Horned Owl, 6; Yellow-shafted Flicker, 12; Red-shafted Flicker, 5; Red-bellied Woodpecker, 9; Hairy Woodpecker, 2; Downy Woodpecker, 34; Horned Lark, 270; Blue Jay, 1; Am. Crow, 1333; Black-capped Chickadee, 71; Tufted Titmouse, 26; Brown Creeper, 3; Winter Wren, 6; Carolina Wren, 3; Am. Robin, 16; Eastern Bluebird,

23; Golden-crowned Kinglet, 2; Loggerhead Shrike, 2; Common Starling, 211; House Sparrow, 207; Eastern Meadowlark, 1; Western Meadowlark, 334; Red-winged Blackbird, 1508; Purple Grackle, 2; Brown-headed Cowbird, 2; Cardinal, 49; Pine Siskin, 1; Am. Goldfinch, 13; Spotted Towhee, 1; Slate-colored Junco, 157; Oregon Junco, 7 (Pink-sided); Am. Tree Sparrow, 166; Harris's Sparrow, 293; White-crowned Sparrow, 5; Song Sparrow, 20. **Total,** 47 species; about 4880 individuals. (Seen during period: **White-breasted Nuthatch,** Brown Thrasher, Townsend's Solitaire, Field Sparrow.)—Mrs. A. R. Challans, Marie Dettweiler, Annabelle Dyck, Ruth Rose, Alma K. Ruth, Edna L. Ruth (compiler).

414. **Hays, Kans.** (same area as previous years).—Dec. 27; 7:30 a.m. to 6 p.m. [clear, cloudy, snow or rain?—Ed.]; temp. 30° to 65°; wind NW, 5-10 m.p.h. Nine observers in 2 parties. Total party-hours, 21 (17 on foot, 4 by car); total party-miles, 40 (10 on foot, 30 by car). Swainson's Hawk, 2; Bald Eagle, 1; Marsh Hawk, 2; Sparrow Hawk, 5; Ring-necked Pheasant, 19; Horned Owl, 3; Short-eared Owl, 2; Yellow-shafted Flicker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 2; Horned Lark, 28; Am. Crow, 53; Black-capped Chickadee, 21; Brown Creeper, 5; Am. Robin, 20; Townsend's Solitaire, 9; Cedar Waxwing, 2; Common Starling, 300; House Sparrow, 112; Western Meadowlark, 29; Cardinal, 6; Vesper Sparrow, 4; Slate-colored Junco, 61; Am. Tree Sparrow, 8; Chipping Sparrow, 1; Field Sparrow, 7; Harris's Sparrow, 51; White-crowned Sparrow, 20; Fox Sparrow, 3; Song Sparrow, 3. **Total,** 30 species; about 790 individuals.—Charles Choguill, Harold Choguill, Mary Glassman, Steve Glassman, Jerrie Lesher, Edwin Martin (compiler), M. V. Walker, Wes Wikoff, L. D. Wooster.

415. **Kirwin National Wildlife Refuge, Kans.** (10,884 acres in Phillips County; short grass prairie 33%, farmlands 20%, water surface 7%, abandoned farmlands 40%).—Dec. 22; 7 a.m. to 6 p.m. Partly cloudy; temp. 54° to 14°; wind NNW, 15 m.p.h. One observer. Total hours, 11 (4 on foot, 7 by car); total miles, 150 (5 on foot, 145 by car). Great Blue Heron, 1; Canada Goose, 300; Snow Goose, 1; Blue Goose, 2; Mallard, 3000; Gadwall, 100; Am. Widgeon, 200; Pintail, 500; Shoveller, 100; Redhead, 10; Lesser Scaup, 10; Am. Merganser, 200; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Swainson's Hawk, 2; Marsh Hawk, 2; Prairie Falcon, 2; Sparrow Hawk, 2; Bob-white, 15; Ring-necked Pheasant, 7; Ring-billed Gull, 4; Mourning Dove, 3; Horned Owl, 3; Burrowing Owl, 1; Red-shafted Flicker, 1; Downy Woodpecker, 5; Horned Lark, 5; Am. Magpie, 9; Am. Crow, 2; Black-capped Chickadee, 13; Common Starling, 15; House Sparrow, 30; Western Meadowlark, 62; Red-winged Blackbird, 12; Cardinal, 5; Slate-colored Junco, 9; Oregon Junco, 1; Am. Tree Sparrow, 16; Chipping Sparrow, 10; Field Sparrow, 1; Harris's Sparrow, 7; White-crowned Sparrow, 10. **Total,** 42 species; about 4680 individuals. [18 Chestnut-sided Warblers reported without details, deleted from list—Ed.]—Robert L. Means.

416. **Lawrence, Kans.** (same area as past years).—Dec. 27; 7:30 a.m. to 5 p.m. Clear; temp. 38° to 58°; wind NW, 8-12 m.p.h.; ground dry, water open. Ten observers in 6 parties. Total party-hours, 48 (29 on foot, 19 by car); total party-miles, 199 (20 on foot, 179 by car); Mallard, 923; Lesser Scaup, 2; Cooper's Hawk, 2; Red-tailed Hawk, 37; Marsh Hawk, 18; Sparrow Hawk, 20; Bob-white, 35; Killdeer, 7; Mourning Dove, 8; Barn Owl, 1; Horned Owl, 15; Belted Kingfisher, 1; Yellow-shafted Flicker, 38; Red-bellied Woodpecker, 24; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 31; Horned Lark, 71; Blue Jay, 65; Am. Crow, 184; Black-capped Chickadee, 115; Tufted Titmouse, 39; Brown Creeper, 1; Winter Wren, 1; **Bewick's Wren,** 1 (carefully identified—W.H.); Carolina Wren, 7; Mockingbird, 3; **Catbird,** 1 (at feeder daily); **Brown Thrasher,** 1 (at feeder daily); Am. Robin, 108; Eastern Bluebird, 13; Golden-crowned Kinglet, 2; **Ruby-crowned Kinglet,** 2; Water Pipit, 6; Cedar Waxwing, 1; Loggerhead Shrike, 20; Common Starling, 653; House Sparrow, 413; Eastern Meadowlark, 2; Western Meadowlark, 53; meadowlark (sp.), 243; Red-winged Blackbird, 30; Cardinal, 166; Purple Finch, 2; Am. Goldfinch, 111; [Eastern Towhee, 1 + Spotted Towhee, 6]; Slate-colored Junco, 394; Oregon Junco, 5; Am. Tree Sparrow, 852; Field Sparrow, 24; Harris's Sparrow, 235; White-crowned Sparrow, 15; White-throated Sparrow, 3; Lincoln's Sparrow, 1; Song Sparrow, 58; Lapland Longspur, 180. **Total,** 56 species (1 additional subspecies); about 5270 individuals. [Exceptionally neat, carefully prepared report with details for all unusual observations—Ed.]—Mrs. Ethan Allen, Bert S. Chewning (compiler), Helen M. Chewning, Henry S. Fitch, Norman L. Ford, Lenore French, Wess Hunn, Ethel Martin, Mrs. John H. Nelson, Harrison B. Tordoff.

417. **Linn County, Kans.** (same area as past years).—Dec. 30; 6 a.m. to 5 p.m. Clear; temp. 25° to 65°; wind S, 0-15 m.p.h.; little ice on streams or lakes. Six observers in 3 parties. Total party-hours, 20 (14 on foot, 6 by car); total party-miles, 41 (13 on foot, 28 by car). Mallard, 7605; Black Duck, 6; Pintail, 4; Green-winged Teal, 2; Cooper's Hawk, 1; Red-tailed Hawk, 29; Harlan's Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 54; Sparrow Hawk, 4; Bob-white, 12; Mourning Dove, 35; Screech Owl, 1; Horned Owl, 11; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 13; Pileated Woodpecker, 3; Red-bellied Woodpecker, 20; Red-headed Woodpecker, 31; Hairy Woodpecker, 4; Downy Woodpecker, 19; Horned Lark, 35; Blue Jay, 40; Am. Crow, 21; Black-capped Chickadee, 61; Tufted Titmouse, 42; White-breasted Nuthatch, 6; Brown Creeper, 1; Carolina Wren, 13; Mockingbird, 6; Am. Robin, 2; Eastern Bluebird, 10; Loggerhead Shrike, 9; Common Starling, 724+; House Sparrow, 44; Eastern Meadowlark, 39; Western Meadowlark, 1; meadowlark (sp.), 199; Red-winged Blackbird, 1039+; Rusty Blackbird, 185; Cardinal, 142; Am. Goldfinch, 48; Savannah Sparrow, 2; Slate-colored Junco, 95; Am. Tree Sparrow, 113;

Chipping Sparrow, 3; Field Sparrow, 17; Harris's Sparrow, 36; White-crowned Sparrow, 3; White-throated Sparrow, 1; Fox Sparrow, 1; Song Sparrow, 31. **Total,** 53 species; about 10,831 individuals. (Seen count period: Am. Widgeon, Wood Duck, Golden Eagle, Spotted Towhee, Eastern Towhee, Oregon Junco.)—Wilson Dingus, Eunice Dingus (compiler), Frank Wood, Ruth D. Fauhl, Marshall Fauhl, Richard Wurtz (Linn County Audubon Society).

418. Manhattan, Kans. (7½-mile radius centered on Kansas State College campus; open grassland 40%, cultivated fields 15%, brushland 15%, woods 25%, river 5%).—Dec. 24; 8 a.m. to 5:30 p.m. Clear; temp. 20° to 30°; wind WNW, 20 m.p.h.; creeks and rivers partly frozen, 3-in. snow. Five observers in 2 parties. Total party-hours, 19 (15 on foot, 4 by car); total party-miles, 30 (24 on foot, 6 by car). Red-tailed Hawk, 7; Marsh Hawk, 2; Sparrow Hawk, 4; Bob-white, 55; Killdeer, 1; Horned Owl, 3; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 9; Hairy Woodpecker, 6; Downy Woodpecker, 13; Horned Lark, 24; Blue Jay, 70; Am. Crow, 80; Black-capped Chickadee, 26; Tufted Titmouse, 11; Brown Creeper, 1; Carolina Wren, 3; Mockingbird, 1; Am. Robin, 225; Eastern Bluebird, 30; Golden-crowned Kinglet, 1; Common Starling, 40; House Sparrow, 60; Western Meadowlark, 70; Brewer's Blackbird, 50; Cardinal, 30; Pine Siskin, 3; Am. Goldfinch, 115; Eastern Towhee, 7; Slate-colored Junco, 70; Oregon Junco, 5; Am. Tree Sparrow, 325; Harris's Sparrow, 60; Song Sparrow, 22. **Total,** 34 species; about 1431 individuals.—E. K. Beals, Donald Gier, H. T. Gier, E. R. Lewis (compiler), P. H. Marvin.

419. Olathe, Kans. (7½-mile radius centering at Gardner Lake, including old and new Olathe Lakes and Reservoir; wooded creeks and wasteland 27%, open fields and fencerows 45%, lake shore 20%, town and suburbs 3%, cedar groves 5%).—Jan. 1; 7:30 a.m. to 5:15 p.m. Clear a.m., partly overcast p.m.; temp. 28° to 32°; wind NE, 2-10 m.p.h.; creeks and lakes partly frozen, plowed fields muddy. Six observers in 2 parties. Total party-hours, 16 (7 on foot, 9 by car); total party-miles, 153 (7 on foot, 146 by car). Pied-billed Grebe, 1; Mallard, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 41; Harlan's Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 16; Sparrow Hawk, 8; Bob-white, 7; Killdeer, 2; Mourning Dove, 92; Horned Owl, 4; Yellow-shafted Flicker, 25; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 9; Horned Lark, 264; Blue Jay, 36; Am. Crow, 315; Black-capped Chickadee, 71; Tufted Titmouse, 18; Winter Wren, 1; Carolina Wren, 2; Am. Robin, 31; Loggerhead Shrike, 15; Common Starling, 414; House Sparrow, 1370; Eastern Meadowlark, 12; Western Meadowlark, 17; meadowlark (sp.), 245; Brewer's Blackbird, 10; Brown-headed Cowbird, 10; Cardinal, 96; Am. Goldfinch, 25; Spotted Towhee, 1; Savannah Sparrow, 1; Slate-colored Junco, 403; Am. Tree Sparrow, 607; Field Sparrow, 1; Harris's Sparrow, 120; White-crowned Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 12; Lapland Longspur, 51. **Total,** 44 species; about 4376 individuals. [Exceptionally neat, carefully prepared report—Ed.]—Amelia Betts, Mr. and Mrs. Ivan L. Boyd (compilers), Katharine Kelley, Mrs. Francis McKaughan, R. E. Miller.

420. St. Marys, Kans. (7½-mile radius centering on junction of Highways 24 and 63 in St. Marys, including Kansas River, Pawnee Creek, old Kansas River bed just south of St. Marys; wooded creek and river bottoms, park and cemetery 50%, cultivated farmland 25%, upland pasture 20%, river sand bars 5%).—Dec. 31; 8 a.m. to 5 p.m. Overcast to mostly cloudy; temp. 35° to 45°; wind WSW, 0-3 m.p.h.; ground slightly damp, creeks dry, ponds and Kansas River open but very low. Two observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 72 (6 on foot, 66 by car). Mallard, 65; Red-tailed Hawk, 6; Sparrow Hawk, 2; Greater Prairie Chicken, 27; Bob-white, 50; Ring-necked Pheasant, 1; Mourning Dove, 56; Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Red-shafted Flicker, 2; Red-bellied Woodpecker, 16; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 8; Horned Lark, 20 (**1 Northern**); Blue Jay, 4; Am. Crow, 39; Black-capped Chickadee, 27; Tufted Titmouse, 8; Carolina Wren, 1; Am. Robin, 6; Eastern Bluebird, 2; **Townsend's Solitaire, 2** (carefully identified); Loggerhead Shrike, 2; Common Starling, 53; House Sparrow, 79; Western Meadowlark, 143; meadowlark (sp.), 3; Red-winged Blackbird, 1500; Cardinal, 87; Am. Goldfinch, 16; Spotted Towhee, 5; Slate-colored Junco, 41; **Oregon Junco, 1** (carefully identified); Am. Tree Sparrow, 270; Harris's Sparrow, 57; Song Sparrow, 6; Lapland Longspur, 300. **Total,** 39 species (1 additional subspecies); about 2914 individuals. (Seen during period: Marsh Hawk, Purple Grackle.)—D. Eugene Enos, Rev. Thomas A. Hoffman (compiler).

421. Topeka, Kans. (same area as past years).—Dec. 29; 8 a.m. to 5 p.m. Partly cloudy to clear; temp. 31° to 57°; wind variable, 0-17 m.p.h.; ground damp with frost for first hour, otherwise dry, streams and lakes open. Eighteen observers in 7 parties. Total party-hours, 63 (20 on foot, 43 by car); total party-miles, 483 (29 on foot, 454 by car). Mallard, 350; Black Duck, 1; Pintail, 2; Green-winged Teal, 7; Lesser Scaup, 2; Am. Golden-eye, 1; Hooded Merganser, 3; Am. Merganser, 100; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 7; Harlan's Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Peregrine Falcon, 2; Pigeon Hawk, 1; Sparrow Hawk, 4; Greater Prairie Chicken, 60; Bob-white, 45; Ring-necked Pheasant, 1; Am. Coot, 7; Mourning Dove, 35; Horned Owl, 4; Belted Kingfisher, 2; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 7; Horned Lark, 75; Blue Jay, 18; Am. Crow, 15; Black-capped Chickadee, 23; Tufted Titmouse, 13; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 1; Mockingbird, 2; **Catbird, 1** (regular at feeder); Brown Thrasher, 2; Am. Robin, 4; Eastern Bluebird,

5; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 52; Loggerhead Shrike, 3; Common Starling, 470; House Sparrow, 345; Eastern Meadowlark, 64; Western Meadowlark, 32; Red-winged Blackbird, 3; Purple Grackle, 1; Cardinal, 43; Pine Siskin, 1; Am. Goldfinch, **350**; Spotted Towhee, 6; Savannah Sparrow, 1; Vesper Sparrow, 2; Slate-colored Junco, 89; Oregon Junco, 3; Am. Tree Sparrow, 190; Field Sparrow, 3; Harris's Sparrow, 85; White-crowned Sparrow, 2; Song Sparrow, 45; Lapland Longspur, 50. **Total,** 67 species (1 additional subspecies); about 2671 individuals. (Seen count period: Pied-billed Grebe, Canada Goose, Snow Goose, Gadwall, Townsend's Solitaire.)—John Atkinson, L. B. Carson (compiler), Roberta Foote, Ben Franklin, Charles Franklin, Gerard Haigh, Mrs. Walter Huxman, Florence McKinney, Mrs. Charles Martin, Pearl Maus, Mrs. Nyle H. Miller, T. W. Nelson, Orville O. Rice, Lee Rolfs, Marvin E. Rolfs, Mrs. L. G. Thorpe, Raymond Willett, Harold C. Williams (Topeka Audubon Society).

422. **Wichita, Kans.** (15-mile diameter circle centering on junction of Big and Little Arkansas Rivers; woods 5%, lakes and rivers 5%, open grassland 50%, cultivated fields 20%, brushland 20%).—Dec. 30; 7:30 a.m. to 5:30 p.m. Clear; temp. 29° to 51°; wind SW, 12 m.p.h.; ground very dry. Twenty observers in 4 parties. Total party-hours, 36 (26 on foot, 10 by car); total party-miles, 182 (27 on foot, 155 by car). Mallard, 12; Cooper's Hawk, 1; Red-tailed Hawk, 4; Harlan's Hawk, 1; Marsh Hawk, 6; Sparrow Hawk, 18; Ring-necked Pheasant, 2; Am. Coot, 2; Killdeer, 11; Wilson's Snipe, 10; Mourning Dove, 2; Horned Owl, 4; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 8; Red-shafted Flicker, 5; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 10; Downy Woodpecker, 17; Horned Lark, 16; Blue Jay, 3; Am. Crow, 536; Black-capped Chickadee, 145; Carolina Chickadee, 5; Tufted Titmouse, 21; Brown Creeper, 1; Winter Wren, 3; **Bewick's Wren, 1** (carefully identified); Carolina Wren, 3; **Long-billed Marsh Wren, 3** (carefully identified); Mockingbird, 1; Am. Robin, 16; Eastern Bluebird, 12; Golden-crowned Kinglet, 5; Loggerhead Shrike, 10; Common Starling, 1500; House Sparrow, 600; Eastern Meadowlark, 7; Western Meadowlark, 243; Red-winged Blackbird, 199; Brewer's Blackbird, 10; **Yellow-headed Blackbird, 1** (carefully identified); Purple Grackle, 3; Brown-headed Cowbird, 7; Cardinal, 82; Am. Goldfinch, 128; Spotted Towhee, 1; Savannah Sparrow, 5; Vesper Sparrow, 2; Slate-colored Junco, 350; Oregon Junco, 9; Am. Tree Sparrow, 480; Field Sparrow, 10; Harris's Sparrow, 394; White-crowned Sparrow, 1; White-throated Sparrow, 20; Swamp Sparrow, 1; Song Sparrow, 114; Lapland Longspur, 15. **Total,** 60 species; about 5090 individuals. (Seen count week: Rough-legged Hawk, Screech Owl.)—Kathleen Blum, J. Walker Butin, Kirk Downing, Mrs. Pauline Downing, Richard Elving, Don Ferguson, Carl Holmes, David Holmes, Dan Kilby (compiler), Mrs. Roy Kingkade, Mrs. Elizabeth Stafford, Barbara Stafford, Bill Stark, Robert Stark, Mrs. Robert Stark, Max Thompson, Jennibelle Watson, Louise Watson, Ralph Wiley, Mrs. Ralph Wiley.

423. **Fort Gibson Reservoir, Okla.** (same area as past 3 years; lake and river 25%, deciduous woodland 35%, open prairie 30%, agricultural 10%).—Dec. 23; 7 a.m. to 5 p.m. Overcast and light rain a.m., clear p.m.; temp. 36° to 48°; wind NNW, 5-15 m.p.h. Eight observers in 4 parties. Total party-hours, 36 (20 on foot, 16 by car); total party-miles, 124 (12 on foot, 112 by car). **Western Grebe, 2** (A.H., B.H.); Pied-billed Grebe, 6; Great Blue Heron, 9; Mallard, 400; Am. Widgeon, 1; Pintail, 4; Lesser Scaup, 1; Am. Golden-eye, 9; Am. Merganser, 65; Cooper's Hawk, 1; Red-tailed Hawk, 46 (1 Krider's); Harlan's Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 5; Bald Eagle, 8; Marsh Hawk, 63; Sparrow Hawk, 10; Greater Prairie Chicken, 46; Killdeer, 32; Wilson's Snipe, 3; Herring Gull, 7; Ring-billed Gull, 350; **Bonaparte's Gull, 4** (all field marks); Mourning Dove, 13; Horned Owl, 1; Short-eared Owl, 43; Belted Kingfisher, 4; Yellow-shafted Flicker, 60; Pileated Woodpecker, 6; Red-bellied Woodpecker, 23; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 31; Horned Lark, 65; Blue Jay, 43; Am. Crow, 500; Carolina Chickadee, 50; Tufted Titmouse, 18; White-breasted Nuthatch, 5; Winter Wren, 2; Carolina Wren, 12; Mockingbird, 7; Am. Robin, 24; Eastern Bluebird, 46; Water Pipit, 4; Loggerhead Shrike, 15; Common Starling, 375; Myrtle Warbler, 6; House Sparrow, 350; meadowlark (sp.), 425; Red-winged Blackbird, 55; Cardinal, 165; Am. Goldfinch, 35; Spotted Towhee, 1; Savannah Sparrow, 12; Leconte's Sparrow, 1; Slate-colored Junco, 150; Am. Tree Sparrow, 11; Field Sparrow, 41; Harris's Sparrow, 27; White-throated Sparrow, 65; Song Sparrow, 20. **Total,** 62 species (1 additional subspecies); about 3796 individuals. (Over 100 Prairie Chickens seen 2 days prior to count.)—Charlotte Bebb, Forrest Bebb, Bill Heard, Al Hauser, James Norman (compiler), Marion Norman, Vaud Travis, Jr., Henry Warford.

424. **Norman, Okla.** (15-mile diameter circle centered 5½ miles east of Highway 77 and 1½ miles north of Highway 9; floodplain weeds and open sand 20%, oak scrub forest 10%, open pasture 20%, weedy roadside 10%, elm–cottonwood–pecan bottomland 20%, cultivated land 5%, ponds and small lakes 5%, wood plots 5%, elm–oak–hickory–smilax ravines 5%).—Dec. 22; 7:15 a.m. to 5:15 p.m. Heavy fog, intermittent rain a.m., partly cloudy to cloudy p.m.; temp. 44° to 55°; wind SW, 5-15 m.p.h. Nineteen observers in 3-5 parties. Total party-hours, 28 (21 on foot, 7 by car); total party-miles, 101 (23 on foot, 78 by car). Great Blue Heron, 2; Ring-necked Duck, 7; Cooper's Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 2; Bald Eagle, 1; Marsh Hawk, 10; Sparrow Hawk, 5; Bob-white, 33; Ring-necked Pheasant, 2; Killdeer, 13; Wilson's Snipe, 13; Ring-billed Gull, 8; Mourning Dove, 18; Horned Owl, 8; Barred Owl, 3; Long-eared Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 16; Red-shafted Flicker, 10;

flicker (sp.), 20; Pileated Woodpecker, 9; Red-bellied Woodpecker, 19; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 9; Horned Lark, 77; Blue Jay, 99; Am. Crow, 163; Carolina Chickadee, 61; Tufted Titmouse, 48; White-breasted Nuthatch, 1; **House Wren, 1** (carefully identified); Bewick's Wren, 11; Carolina Wren, 13; Mockingbird, 35; Brown Thrasher, 4; **Sage Thrasher, 1** (carefully studied at close range—M.D., G.S.); Am. Robin, 411; Eastern Bluebird, 109; **Townsend's Solitaire, 2**; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 1; Sprague's Pipit, 5; **Gray Shrike, 1** (carefully studied); Loggerhead Shrike, 10; Common Starling, 433; Myrtle Warbler, 5; House Sparrow, 114; Eastern Meadowlark, 20; Western Meadowlark, 11; meadowlark (sp.), 350; Red-winged Blackbird, 3372; Brown-headed Cowbird, 1; Cardinal, 129; Pulple Finch, 3; Pine Siskin, 1; Am. Goldfinch, 245; Spotted Towhee, 7; Savannah Sparrow, 60; Vesper Sparrow, 5; **White-winged Junco, 1** (collected); Slate-colored Junco, 145; Oregon Junco, 12 (6 Pink-sided); Am. Tree Sparrow, 86; Field Sparrow, 52; Harris's Sparrow, 293; White-crowned Sparrow, 7; White-throated Sparrow, 3; Fox Sparrow, 2; Song Sparrow, 82; McCown's Longspur, 2; Lapland Longspur, 6; Smith's Longspur, 6; Chestnut-colored Longspur, 27; longspur (sp.), 50. **Total,** 73 species (1 additional subspecies); about 6817 individuals. (Seen count period: Mallard, Canvas-back, Am. Merganser, **Am. Woodcock**, Winter Wren, Brown Creeper, Mountain Bluebird, **Lark Bunting**, Chipping Sparrow.)—Donald Baepler, Marvin Davis (compiler), Charles Ely, Bobby Frank, Janice Frady, Ernest Edwards, Jack Meloy, William Southern, George M. Sutton.

425. Oklahoma City, Okla. (nearly same area as past years; lakes and ponds 40%, deciduous and coniferous woodlots 40%, roadsides and open fields 15%, parks and residential 5%).—Dec. 26; 7 a.m. to 6 p.m. Clear; temp. 32° to 56°; wind NW, 10 m.p.h.; no snow, water open, ground frozen early. Nineteen observers in 5 parties. Total party-hours, 34 (21 on foot, 13 by car); total party-miles, 298 (30 on foot, 268 by car). Great Blue Heron, 10; Canada Goose, 15; Mallard, 792; Gadwall, 25; Redhead, 1; Canvas-back, 3; Lesser Scaup, 11; Am. Merganser, 803; Cooper's Hawk, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 4; Marsh Hawk, 6; Sparrow, Hawk, 6; Killdeer, 5; Ring-billed Gull, 178; Mourning Dove, 2; **Road-runner, 1**; Horned Owl, 3; Belted Kingfisher, 6; Yellow-shafted Flicker, 35; Red-shafted Flicker, 5; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 17; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 14; Blue Jay, 27; Am. Crow, 128; Carolina Chickadee, 157; Tufted Titmouse, 78; Brown Creeper, 17; Bewick's Wren, 2; Carolina Wren, 4; Mockingbird, 29; Brown Thrasher, 1; Am. Robin, 122; Eastern Bluebird, 32; Townsend's Solitaire, 2; Golden-crowned Kinglet, 1; Loggerhead Shrike, 15; Common Starling, 140; Myrtle Warbler, 3; House Sparrow, 218; Eastern Meadowlark, 345; Western Meadowlark, 15; Red-winged Blackbird, 603; Brown-headed Cowbird, 24; Cardinal, 68; Am. Goldfinch, 157; Spotted Towhee, 7; Savannah Sparrow, 1; Slate-colored Junco, 122; Oregon Junco, 2; Am. Tree Sparrow, 14; Field Sparrow, 18; Harris's Sparrow, 170; White-crowned Sparrow, 12; White-throated Sparrow, 1; Song Sparrow, 56. **Total,** 59 species; about 4551 individuals. (Seen in area count period: Screech Owl, Barred Owl.)—Beatrice Bramlett, Beverly Edwards, Mary Edwards, Allen Greer, Phillip Griffing, Bill Ishmael, Jack Malloy, Irene Martin, John Montgomery, Carol Ann Moore, Sam Moore, Larry Nichols, Tom Parker, Peter Russo, Eliot Stanley (compiler), Jim Street, Bradley Thach, Burrage Warner, Nick Wilson.

426. Spavinaw, Okla. (area same as past 3 years: both Upper and Lower Spavinaw lakes and surrounding wooded terrain; open lake 15%, wooded creekbottoms 60%, oak–hickory hillsides 10%, fields and pastures 15%).—Dec. 30; 7:30 a.m. to 5:30 p.m. Clear; temp. 23° to 65°; wind SSE, 0-10 m.p.h.; ponds and smaller sloughs frozen. Three observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 63 (3 on foot, 60 by car). Pied-billed Grebe, 1; Great Blue Heron, 3; Mallard, 6; Am. Golden-eye, 3; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 6; Sparrow Hawk, 1; Killdeer, 18; Wilson's Snipe, 2; Ring-billed Gull, 3; Mourning Dove, 3; Screech Owl, 1; Horned Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 16; Pileated Woodpecker, 6; Red-bellied Woodpecker, 12; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 24; Blue Jay, 31; Am. Crow, 23; Carolina Chickadee, 33; Tufted Titmouse, 29; White-breasted Nuthatch, 6; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 24; Mockingbird, 3; Eastern Bluebird, 35; Cedar Waxwing, 75; Loggerhead Shrike, 4; Common Starling, 7; House Sparrow, 80; Eastern Meadowlark, 93; Red-winged Blackbird, 4; Cardinal, 55; Am. Goldfinch, 36; Spotted Towhee, 5; Savannah Sparrow, 3; Slate-colored Junco, 110; Am. Tree Sparrow, 25; Field Sparrow, 5; Harris's Sparrow, 3; White-crowned Sparrow, 2; White-throated Sparrow, 18; Song Sparrow, 19. **Total,** 49 species; about 857 individuals.—James L. Norman (compiler), Mrs. James L. Norman, Vaud Travis, Jr.

427. Stillwater, Okla. (same area as previous years).—Dec. 29; 6 a.m. to 5:30 p.m. Clear; temp. 30° to 54°; wind SW, 4-12 m.p.h.; ponds dry or very low, larger reservoirs low. Five observers in 2 parties. Total party-hours, 12 (9 on foot, 3 by car); total party-miles, 57 (9 on foot, 48 by car). Great Blue Heron, 6; Pintail, 1; Green-winged Teal, 10; Am. Merganser, 500; Sharp-shinned Hawk, 1; Red-tailed Hawk, 7; Marsh Hawk, 15; Sparrow Hawk, 1; Bob-white, 14; Am. Coot, 2; Killdeer, 2; Ring-billed Gull, 400; Screech Owl, 1; Horned Owl, 3; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 13; Red-shafted Flicker, 1; Red-bellied Woodpecker, 20; Hairy Woodpecker, 5; Downy Woodpecker, 12; Blue Jay, 32; Am. Crow, 91; Carolina Chickadee, 59; Tufted Titmouse, 31; White-breasted Nuthatch, 6; Bewick's Wren, 5; Carolina Wren, 3; Brown Thrasher,

1; Am. Robin, 370; Eastern Bluebird, 17; Mountain Bluebird, 8; Water Pipit, 1; Loggerhead Shrike, 3; Common Starling, 16; House Sparrow, 200; Eastern and Western Meadowlark, 89; Red-winged Blackbird, 195; Brewer's Blackbird, 35; blackbird (sp.), 150; Cardinal, 31; Am. Goldfinch, 50; Spotted Towhee, 1; Slate-colored Junco, 17; Am. Tree Sparrow, 45; Field Sparrow, 22; Harris's Sparrow, 36; Song Sparrow, 23. **Total,** 48 species; about 2553 individuals. —F. M. Baumgartner (compiler), A. M. Baumgartner, Mr. and Mrs. Colly Hitt, Sanford D. Schemnitz.

428. **Tulsa, Okla.** (same area as 1955).—Dec. 29; 7:30 a.m. to 5:30 p.m. Clear; temp. 33° to 62°; wind N to S, 0-4 m.p.h.; Recreation Lake dry, lagoons partially filled, farm ponds nearly dry. Twenty-two observers in 8 parties. Total party-hours, 51 (44 on foot, 7 by car); total party-miles, 88 (44 on foot, 44 by car). **Eared Grebe, 1** (on Yahola Lake over 2 months); Pied-billed Grebe, 2; Great Blue Heron, 9; Mallard, 425; Pintail, 14; Lesser Scaup, 2; Am. Golden-eye, 17; Am. Merganser, 550; Cooper's Hawk, 1; Red-tailed Hawk, 14; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 10; Sparrow Hawk, 7; Herring Gull, 2; Ring-billed Gull, 6; **Franklin's Gull, 1** (flies well, but primaries broken); Mourning Dove, 2; Horned Owl, 2; Barred Owl, 3; Belted Kingfisher, 4; Yellow-shafted Flicker, 59; Red-shafted Flicker, 3; Pileated Woodpecker, 5; Red-bellied Woodpecker, 43; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 25; Downy Woodpecker, 71; Horned Lark, 25; Blue Jay, 78; Am. Crow, 194; Carolina Chickadee, 120; Tufted Titmouse, 203; White-breasted Nuthatch, 48; Brown Creeper, 4; Winter Wren, 4; Bewick's Wren, 2; Carolina Wren, 61; Mockingbird, 5; Brown Thrasher, 1; Am. Robin, 35; Hermit Thrush, 9; Eastern Bluebird, 63; Ruby-crowned Kinglet, 4; Water Pipit, 1; Loggerhead Shrike, 9; Common Starling, 85; House Sparrow, 471; Eastern Meadowlark, 620; Red-winged Blackbird, 78; Rusty Blackbird, 17; Brewer's Blackbird, 7; Purple Grackle, 2; Brown-headed Cowbird, 15; Cardinal, 130; Purple Finch, 2; Am. Goldfinch, 109; [Eastern Towhee, 2 + Spotted Towhee, 10]; Savannah Sparrow, 5; Vesper Sparrow, 4; Slate-colored Junco, 134; **Oregon Junco, 1**; Am. Tree Sparrow, 59; Field Sparrow, 55; Harris's Sparrow, 32; White-throated Sparrow, 25; Fox Sparrow, 19; Lincoln's Sparrow, 2; Swamp Sparrow, 6; Song Sparrow, 109; **Smith's Longspur, 76**; **Chestnut-collared Longspur, 75**. **Total,** 74 species (1 additional subspecies); about 4304 individuals. (Seen in area count period: Greater Prairie Chicken, Golden-crowned Kinglet.) [Exceptionally neat, carefully prepared report with excellent details for all unusual observations—Ed.]—Lea Davis, Hartley Eckstrom, Robert K. Epperson, Mr. and Mrs. Ernest Esst, Bob Frank, Mrs. Roy L. Ginter, Mabel Hagan, Letitia Johnston, Mr. and Mrs. David O. Kassing, Mrs. Ralph Kelting, Constance Kitchen, Mrs. Orrin W. Letson, Orrin W. Letson (compiler), John G. Newell, Mrs. Bruce Reynolds, Bess Smith, Mr. and Mrs. H. C. Spore, Alfred Steitz, Jr., John S. Tomer (Tulsa Audubon Society).

429. **Wichita Mountains Wildlife Refuge, Okla.** (7½-mile radius centering in refuge, including French, Comanche, Grama, Thomas, and Parker Lakes, Fullingim Flat, Cedar Creek, Pecan Springs; lakeshores 10%, creekbottoms 40%, oak and rocky hills 15%, open prairie 35%).—Dec. 28; 6:30 a.m. to 5 p.m. Clear; temp. 38° to 71°; wind N, 5-10 m.p.h.; lakes and ponds open. Four observers in 3 parties. Total party-hours, 24 (10 on foot, 14 by car); total party-miles, 140 (4 on foot, 136 by car). Pied-billed Grebe, 3; Double-crested Cormorant, 1; Mallard, 1567; Gadwall, 35; Am. Widgeon, 373; Pintail, 1; Green-winged Teal, 1; Redhead, 51; Ring-necked Duck, 74; Canvas-back, 5; Am. Golden-eye, 3; Bufflehead, 11; Hooded Merganser, 21; Am. Merganser, 12; Cooper's Hawk, 1; Red-tailed Hawk, 6; Bald Eagle, 8; Marsh Hawk, 2; **Prairie Falcon, 1** (T.M.); Turkey, 53; Am. Coot, 120; Killdeer, 1; Ring-billed Gull, 1; Mourning Dove, 8; Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 6; Red-shafted Flicker, 1; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 16; Am. Crow, 157; Carolina Chickadee, 20; Tufted Titmouse, 27; White-breasted Nuthatch, 5; Brown Creeper, 1; Bewick's Wren, 2; Carolina Wren, 2; Am. Robin, 9; Eastern Bluebird, 37; Mountain Bluebird, 98; Townsend's Solitaire, 1; Common Starling, 7; Myrtle Warbler, 1; House Sparrow, 2; Eastern Meadowlark, 78; Brewer's Blackbird, 21; Brown-headed Cowbird, 1; Cardinal, 29; Pine Siskin, 168; Slate-colored Junco, 123; Oregon Junco, 8 (1 Pink-sided); Am. Tree Sparrow, 3; **Clay-colored Sparrow, 1** (T.M.); Field Sparrow, 10; Harris's Sparrow, 17. **Total,** 58 species (1 additional subspecies); about 3222 individuals. (Seen count period: Sparrow Hawk, Bob-white, Red-breasted Nuthatch, Spotted Towhee.)—Arthur F. Halloran (compiler), Audrey G. Halloran, Julian A. Howard, Thomas W. Martin.

430. **Alice, Tex.** (160 acres of virgin brush country at northwest corner of intersection of Farm Road 1554 and Jim Wells County Road 136 about 6 miles southwest of Alice; mostly mesquite, brush, fields, cactus).—Dec. 23; 6:30 a.m. to 7:30 p.m. Mostly clear; temp. 45° to 75°; wind N, 3-12 m.p.h. One observer. Total hours, 13; total miles, 13 (all on foot). Turkey Vulture, 39; Black Vulture, 2; Cooper's Hawk, 3; Red-tailed Hawk, 2; Harris's Hawk, 2; Marsh Hawk, 2; Audubon's Caracara, 7; Sparrow Hawk, 3; Bob-white, 10; Killdeer, 28; Mourning Dove, 78; Ground Dove, 69; Inca Dove, 4; Horned Owl, 2; Pauraque, 1; Yellow-shafted Flicker, 1; Golden-fronted Woodpecker, 6; Ladder-backed Woodpecker, 3; Black-crested Titmouse, 8; Verdin, 11; House Wren, 1; Bewick's Wren, 32; Carolina Wren, 2; Cactus Wren, 3; Mockingbird, 170; Brown Thrasher, 2; Curve-billed Thrasher, 6; Am. Robin, 2; Blue-gray Gnatcatcher, 14; Water Pipit, 27; Loggerhead Shrike, 4; Common Starling, 11; White-eyed Vireo, 1; House Sparrow, 25; East-

ern Meadowlark, 78; Red-winged Blackbird, 30; Brewer's Blackbird, 60; Brown-headed Cowbird, 74; Cardinal, 2; Pyrrhuloxia, 51; Am. Goldfinch, 46; **Green-tailed Towhee, 1** (carefully identified); Lark Bunting, 14; Vesper Sparrow, 2; Lark Sparrow, 1; Black-throated Sparrow, 28; White-crowned Sparrow, 83. **Total,** 47 species; about 1051 individuals.—Richard O. Albert.

431. **Amarillo, Tex.** (7½-mile radius centering on entrance to Palo Duro State Park; prairie 5%, streambeds with cottonwood–hackberry 30%, canyon walls 17%, grassland–mesquite–juniper–cactus 48%). —Dec. 29; 8 a.m. to 5 p.m.; temp. 42° to 65°; wind calm; extreme drought condition prevailing. Four observers in 1 party. Total party-hours, 9 (7 on foot, 2 by car); total party-miles, 29 (12 on foot, 17 by car). Sharp-shinned Hawk, 1; Golden Eagle, 1; Scaled Quail, 25; Road-runner, 1; Red-shafted Flicker, 11; Golden-fronted Woodpecker, 7; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 1; Ladder-backed Woodpecker, 4; Horned Lark, 4; Blue Jay, 1; Black-crested Titmouse, 12; Bewick's Wren, 4; Rock Wren, 2; Mockingbird, 21; Sage Thrasher, 10; Brown Thrasher, 2; Am. Robin, 302; Mountain Bluebird, 52; Townsend's Solitaire, 38; Loggerhead Shrike, 1; House Sparrow, 62; Western Meadowlark, 2; Brewer's Blackbird, 1; Cardinal, 23; Pine Siskin, 3; Am. Goldfinch, 33; Spotted Towhee, 2; Slate-colored Junco, 1; Oregon Junco, 65; Gray-headed Junco, 3; Song Sparrow, 13. **Total,** 32 species; about 709 individuals.—Mrs. I. D. Acord (compiler), Doyle Foreman, Mrs. L. E. Moyer, B. W. Van Noy.

432. **Aransas National Wildlife Refuge, Tex.** (same as last year: 7½-mile radius centering near mid-point of Blackjack Peninsula, including all 47,000 acres of refuge; most time spent along tidal flats, marshes and shoreline which comprise 10% of area).—Jan. 1; 8 a.m. to 6 p.m. Heavy fog early a.m. to clear p.m.; temp. 57° to 72°; wind calm to N, 5-7 m.p.h. Two observers in 2 parties. Total party-hours, 16 (3 on foot, 13 by car); total party-miles, 75 (5 on foot, 70 by car). Common Loon, 1; White Pelican, 34; Brown Pelican, 3; Double-crested Cormorant, 5; Great Blue Heron, 76; Am. Egret, 2; Reddish Egret, 2; Canada Goose, 4350; Snow Goose, 750; Blue Goose, 60; Mallard, 715; Mottled Duck, 7; Gadwall, 110; Am. Widgeon, 760; Pintail, 5300; Redhead, 1700; Am. Golden-eye, 1; Am. Merganser, 6; Turkey Vulture, 50; Black Vulture, 50; Sharp-shinned Hawk, 3; Red-tailed Hawk, 9; Red-shouldered Hawk, 1; Broad-winged Hawk, 1; White-tailed Hawk, 3; Ferruginous Hawk, 1; Bald Eagle, 2; Marsh Hawk, 8; Audubon's Caracara, 4; Sparrow Hawk, 17; Turkey, 62; **Whooping Crane, 23**; Sandhill Crane, 425; Killdeer, 10; Long-billed Curlew, 2; Willet, 3; Lesser Yellow-legs, 3; Herring Gull, 2; Ring-billed Gull, 2; Laughing Gull, 1; Caspian Tern, 1; Mourning Dove, 102; Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 21; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 1; Eastern Kingbird, 1 [no details, not underlined as unusual—Ed.]; Eastern Phoebe, 1; Eastern Wood Pewee, 1 [no details, not underlined as unusual—Ed.]; Olive-sided Flycatcher, 2 [no details, not underlined as unusual—Ed.]; Vermilion Flycatcher, 3; Blue Jay, 19; Mockingbird, 16; Brown Thrasher, 4; Hermit Thrush, 2; Eastern Bluebird, 4; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 10; Water Pipit, 25; Sprague's Pipit, 1; Loggerhead Shrike, 35; Common Starling, 40; Orange-crowned Warbler, 1; Myrtle Warbler, 7; Eastern Meadowlark, 1000; Red-winged Blackbird, 116; Brewer's Blackbird, 31; Brown-headed Cowbird, 175; Cardinal, 400; Savannah Sparrow, 36; Vesper Sparrow, 64; Lark Sparrow, 2; Slate-colored Junco, 4; White-crowned Sparrow, 1; Fox Sparrow, 1. **Total,** 76 species; about 16,700 individuals. (Seen in area count period: Eared Grebe, Snowy Egret, Louisiana Heron, Bob-white, Greater Yellow-legs, Dowitcher, Road-runner, Lesser Nighthawk, Horned Lark, Am. Crow, Black-crested Titmouse, Catbird, Boat-tailed Grackle.)—J. J. Harman (compiler), C. F. Lard.

433. **Austin, Tex.** (same area as previous 3 years). —Dec. 30; 7 a.m. to 5 p.m. Mostly clear; temp. 55° to 72°; wind W to SW, 13 m.p.h.; ground dry. Ten observers in 3 parties. Total party-hours, 18 (9 on foot, 9 by car); total party-miles, 83 (4 on foot, 79 by car). Pied-billed Grebe, 10; Great Blue Heron, 1; Gadwall, 540; Am. Widgeon, 55; Pintail, 49; Green-winged Teal, 2; Blue-winged Teal, 1; Cinnamon Teal, 4; Shoveller, 9; Canvas-back, 13; Lesser Scaup, 5; Turkey Vulture, 6; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 7; Am. Coot, 106; Killdeer, 9; Wilson's Snipe, 3; Spotted Sandpiper, 5; Ring-billed Gull, 5; Mourning Dove, 60; Inca Dove, 4; Belted Kingfisher, 5; Yellow-shafted Flicker, 16; Red-shafted Flicker, 1; Red-bellied Woodpecker, 9; Golden-fronted Woodpecker, 3 Ladder-backed Woodpecker, 7; Eastern Phöebe, 8; Blue Jay, 23; Am. Crow, 78; Carolina Chickadee, 31; Black-crested Titmouse, 8; Brown Creeper, 7; Bewick's Wren, 7; Carolina Wren, 2; Cañon Wren, 3; Rock Wren, 1; Mockingbird, 34; Brown Thrasher, 1; Am. Robin, 1; Hermit Thrush, 2; Eastern Bluebird, 8; Mountain Bluebird, 7; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 11; Water Pipit, 15; Cedar Waxwing, 11; Loggerhead Shrike, 7; Common Starling, 12; Orange-crowned Warbler, 1; Myrtle Warbler, 17; House Sparrow, 275; Western Meadowlark, 27; Red-winged Blackbird, 124; Brewer's Blackbird, 1000; Boat-tailed Grackle, 165; Cardinal, 26; House Finch, 37; Pine Siskin, 4; Am. Goldfinch, 131; Lesser Goldfinch, 6; Spotted Towhee, 3; Rufous-crowned Sparrow, 4; Slate-colored Junco, 35; Chipping Sparrow, 1; Field Sparrow, 31; Harris's Sparrow, 5; White-crowned Sparrow, 20; White-throated Sparrow, 11; Lincoln's Sparrow, 7; Song Sparrow, 17. **Total,** 72 species; about 3163 individuals. [Exceptionally neat, carefully prepared report—Ed.]—Mr. and Mrs. George W. Bickler, Mrs. C. H. Brownlee, Mrs. Marie Farnum, Margaret Louise Hill, Mary Anne McClendon, Philip H. Moss, Mrs. Henry J. Thaxton, Ada Marie Webster, Fred S. Webster, Jr. (compiler) (Travis Audubon Society).

434. **Big Spring, Tex.** (same area as last year).—Dec. 23; 7:30 a.m. to 6 p.m. Clear; temp. 28° to 58°; wind NW, 5-15 m.p.h.; ground damp, water open. Four observers in 1-2 parties. Total party-hours, 11 (9 on foot, 2 by car); total party-miles, 20 (5 on foot, 15 by car). Great Blue Heron, 2; Am. Widgeon, 4; Green-winged Teal, 7; Canvas-back, 1; Lesser Scaup, 5; Scaled Quail, 8; Sandhill Crane, 31; Killdeer, 12; Wilson's Snipe, 4; Long-billed Curlew, 4; Western Sandpiper, 5; Mourning Dove, 13; Yellow-shafted Flicker, 2; Red-shafted Flicker, 1; Golden-fronted Woodpecker, 1; Ladder-backed Woodpecker, 3; White-necked Raven, 110; Verdin, 3; Red-breasted Nuthatch, 1; Bewick's Wren, 5; Cañon Wren, 3; Rock Wren, 7; Mockingbird, 64; Sennett's Thrasher, 1; Sage Thrasher, 3; Am. Robin, 149; Mountain Bluebird, 36; Townsend's Solitaire, 6; Ruby-crowned Kinglet, 12; Cedar Waxwing, 2; Loggerhead Shrike, 1; Common Starling, 9; House Sparrow, 230; Western Meadowlark, 17; Red-winged Blackbird, 41; Cardinal, 51; Pyrrhuloxia, 2; House Finch, 5; Am. Goldfinch, 11; Lesser Goldfinch, 4; Green-tailed Towhee, 1; Spotted Towhee, 9; Brown Towhee, 31; Baird's Sparrow, 2; Vesper Sparrow, 3; Cassin's Sparrow, 1; Black-throated Sparrow, 2; Oregon Junco, 1; Field Sparrow, 1; White-crowned Sparrow, 239; Song Sparrow, 44. **Total,** 51 species; about 1210 individuals.—John E. Galley (compiler), Mrs. L. E. Haynes, John E. Hildebrand, Mrs. J. W. LeSassier.

435. **Carrizo Springs, Tex.** (same area as in 1953 and 1954; wooded riverbottoms 50%, mesquite pastures 10%, small ponds 30%, irrigated farmland 10%).—Dec. 24; 7:30 a.m. to 6 p.m. Clear; temp. 30° to 68°; wind N, 1-10 m.p.h.; ponds half full, more land cleared. One observer. Total hours, 10 (8 on foot, 2 by car); total miles, 49 (8 on foot, 41 by car). Least Grebe, 4 (now common in winter); Great Blue Heron, 2; Am. Egret, 1; Mallard, 9; Gadwall, 47; Am. Widgeon, 78; Pintail, 650; Green-winged Teal, 85; Shoveller, 10; Ring-necked Duck, 2; Canvas-back, 2; Ruddy Duck, 16; Turkey Vulture, 68; Black Vulture, 56; Red-tailed Hawk, 7; **Ferruginous Hawk, 2**; Harris's Hawk, 12; Marsh Hawk, 2; Pigeon Hawk, 1; Sparrow Hawk, 13; Sandhill Crane, 815; Am. Coot, 11; Killdeer, 22; Wilson's Snipe, 2; Greater Yellow-legs, 3; Least Sandpiper, 14; Mourning Dove, **2500**; Ground Dove, 36; Inca Dove, 3; Screech Owl, 1; Horned Owl, 6; **Long-eared Owl, 1** (seen and heard); Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-shafted Flicker, 2; Golden-fronted Woodpecker, 8; Ladder-backed Woodpecker, 13; Eastern Phoebe, 9; Vermilion Flycatcher, **23**; Black-crested Titmouse, 8; Verdin, 9; Brown Creeper, 1; Bewick's Wren, 6; Carolina Wren, 7; Mockingbird, 19; Sennett's Thrasher, 1; Curve-billed Thrasher, 6; Am. Robin, 1; Eastern Bluebird, 2; Mountain Bluebird, 1; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 17; Water Pipit, 93; Loggerhead Shrike, 17; Common Starling, 2000; Orange-crowned Warbler, 2; Myrtle Warbler, 9; House Sparrow, 50; Eastern Meadowlark, 378; Red-winged Blackbird, 450; Brewer's Blackbird, 2300; Boat-tailed Grackle, 28; Brown-headed Cowbird, 150; Cardinal, 68; Pyrrhuloxia, 3; House Finch, 12; Am. Goldfinch, 250; Texas Sparrow, 5; Green-tailed Towhee, 2; Spotted Towhee, **65**; Lark Bunting, 1500; Vesper Sparrow, **975**; Lark Sparrow, 3; Black-throated Sparrow, 21; Oregon Junco, 1 (carefully identified); Chipping Sparrow, 3; Field Sparrow, 39; White-crowned Sparrow, 125; **White-throated Sparrow, 3** (carefully identified); Swamp Sparrow, 1; Song Sparrow, 12. **Total,** 81 species; about 13,186 individuals.—Roddy Rylander.

436. **Coleman, Tex.** (same area as last year).—Dec. 28; 7 a.m. to 5:15 p.m. Clear; temp. 44° to 68°; wind N to NW, 7-26 m.p.h. Three observers in 1 party. Total party-hours, 30 (18 on foot, 12 by car); total party-miles, 156 (15 on foot, 141 by car). Pied-billed Grebe, 12; Great Blue Heron, 2; Am. Widgeon, 16; Pintail, 94; Blue-winged Teal, 16; Redhead, 2; Ring-necked Duck, 9; Lesser Scaup, 17; Buffle-head, 9; Ruddy Duck, 24; Hooded Merganser, 1; Red-tailed Hawk, 4; Sparrow Hawk, 1; Am. Coot, 29; Killdeer, 9; Wilson's Snipe, 2; Greater Yellow-legs, 5; Western Sandpiper, 14; Mourning Dove, 34; Road-runner, 1; Horned Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-shafted Flicker, 10; Ladder-backed Woodpecker, 1; Vermilion Flycatcher, 5; Blue Jay, 1; Tufted Titmouse, 1; Bewick's Wren, 3; Long-billed Marsh Wren, 1; Rock Wren, 4; Mockingbird, 17; Sage Thrasher, 1; Am. Robin, 2; Hermit Thrush, 1; Eastern Bluebird, 19; Mountain Bluebird, 56; Ruby-crowned Kinglet, 1; Water Pipit, 23; Loggerhead Shrike, 9; Common Starling, 23; Myrtle Warbler, 1; House Sparrow, 12; Western Meadowlark, 125; Cardinal, 134; House Finch, 1; Am. Goldfinch, 12; Spotted Towhee, 4; Savannah Sparrow, 22; Vesper Sparrow, 16; Lark Sparrow, 5; Slate-colored Junco, 91; Field Sparrow, 69; White-crowned Sparrow, 915; Lincoln's Sparrow, 4; Swamp Sparrow, 2; Song Sparrow, 17. **Total,** 57 species; about 1914 individuals. (Seen official period: Brown-headed Cowbird, Golden-fronted Woodpecker, Green-winged Teal.) [Exceptionally neat, carefully prepared report —Ed.]—Mrs. C. F. Blanton, Mrs. Marcus V. Durham (compiler), Essie McGregor.

437. **Commerce, Tex.** (same area as in previous years).—Dec. 27; 8 a.m. to 5 p.m. Clear; temp. 40° to 74°; wind SW, 5 m.p.h.; ground dry, water very low. Four observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 33 (9 on foot, 24 by car). Mallard, 1; Pintail, 3; Green-winged Teal, 5; Turkey Vulture, 46; Black Vulture, 2; Red-tailed Hawk, 1; Sparrow Hawk, 2; Killdeer, 10; Wilson's Snipe, 3; Mourning Dove, 23; Road-runner, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 9; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 4; Horned Lark, 2; Blue Jay, 17; Am. Crow, 16; Carolina Chickadee, 22; Tufted Titmouse, 5; Mockingbird, 18; Brown Thrasher, 6; **Sage Thrasher, 1** (carefully identified—3 observers); Am. Robin, 12; Hermit Thrush, 1; Eastern Bluebird, 12; **Sprague's Pipit, 1** (carefully identified); Cedar Waxwing, 5; Loggerhead Shrike, 4; Common Starling, 12; Myrtle Warbler, 2; House

Sparrow, 48; Eastern Meadowlark, 54; Red-winged Blackbird, 32; Rusty Blackbird, 39; Brown-headed Cowbird, 9; Cardinal, 81; Am. Goldfinch, 52; Spotted Towhee, 4; Savannah Sparrow, 6; Vesper Sparrow, 1; Slate-colored Junco, 26; Field Sparrow, 18; Harris's Sparrow, 204; White-crowned Sparrow, 20; White-throated Sparrow, 17; Fox Sparrow, 1; Lincoln's Sparrow, 2; Song Sparrow, 4. **Total,** 50 species; about 875 individuals.—Mary E. McCrary, Mrs. Norah Selby O'Neil (compiler), Mr. and Mrs. Weldon Taylor.

438. Dallas, Tex. (same area as last year).—Dec. 29; 7 a.m. to 6 p.m. Clear; temp. 40° to 67°; wind WSW to W, 10-15 m.p.h.; ground dry, water open. 1956 drier than previous record dry year of 1955! Lakes at record low, some creeks dry. Recent rains helped somewhat. Eleven observers in 3 parties. Total party-hours, 18 (9 on foot, 9 by car); total party-miles, 110 (5 on foot, 105 by car). Pied-billed Grebe, 4; Double-crested Cormorant, 1; Great Blue Heron, 7; Canada Goose (Lesser), 17; Mallard, 674; Am. Widgeon, 27; Pintail, 112; Green-winged Teal, 282; Ring-necked Duck, 20; Canvas-back, 6; Hooded Merganser, 2; Cooper's Hawk, 1; Red-tailed Hawk, 3 (Krider's, 1); Red-shouldered Hawk, 2; Marsh Hawk, 2; Osprey, 1; Sparrow Hawk, 11; Bob-white, 27; Am. Coot, 172; Killdeer, 97; Wilson's Snipe, 6; Pectoral Sandpiper, **9** [no details—Ed.]; Least Sandpiper, 3; Red-backed Sandpiper, 1; Semipalmated Sandpiper, 50; Herring Gull, 1; Ring-billed Gull, 45; Franklin's Gull, 19; Mourning Dove, 9; Road-runner, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 37; Red-shafted Flicker, 1; Red-bellied Woodpecker, 45; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 11; Horned Lark, 19; Blue Jay, 45; Am. Crow, 25; Carolina Chickadee, 50; Tufted Titmouse, 13; Red-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 5; Bewick's Wren, 1; Carolina Wren, 5; Mockingbird, 44; Brown Thrasher, 8; **Sage Thrasher,** 7 (carefully identified—5 observers); Am. Robin, 19; Hermit Thrush, 1; Eastern Bluebird, 1; Loggerhead Shrike, 13; Common Starling, 7158; House Sparrow, 210; Eastern Meadowlark, 98; Red-winged Blackbird, **117,790**; Boat-tailed Grackle, 17; Cardinal, 91; Am. Goldfinch, 5; [Eastern Towhee, 14 + Spotted Towhee, 16]; Savannah Sparrow, 56; Vesper Sparrow, 1; Lark Sparrow, 4; Slate-colored Junco, 89; Oregon Junco, 2; Clay-colored Sparrow, 3; Field Sparrow, 15; Harris's Sparrow, 32; White-crowned Sparrow, 8; White-throated Sparrow, 21; Fox Sparrow, 32; Lincoln's Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 75. **Total,** 77 species (2 additional subspecies); about 127,714 individuals. (Seen count period: Horned Grebe, Am. Merganser, Black Duck, Barred Owl, Ruby-crowned Kinglet.)—Mrs. Robbie Douglas, Edward C. Fritz, Mrs. Lynn Hardgrave, Rosabel Harris, C. E. Kiblinger, Mr. and Mrs. Murray Marshall (compilers), C. E. McIntire, Robert Row, Frank Turner, Eula Whitehouse (Dallas Audubon Society).

439. Del Rio, Tex. (same area as last year).—Dec. 30; 6:40 a.m. to 5:30 p.m. Clear; temp. 41° to 65°; wind W to NW, 0-5 m.p.h.; ground dry, water open. Six observers in 3 parties. Total party-hours, 31 (12 on foot, 10 by car, 9 by boat); total party-miles, 49 (12 on foot, 25 by car, 12 by boat). Eared Grebe, 2; Pied-billed Grebe, 8; Great Blue Heron, 8; Green Heron, 2; Gadwall, 8; Pintail, 1; Green-winged Teal, 7; Am. Merganser, 1; Black Vulture, 18; Cooper's Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Sparrow Hawk, 2; Scaled Quail, 4; Sora, 1; Florida Gallinule, 1; Am. Coot, 16; Killdeer, 36; Wilson's Snipe, 5; Spotted Sandpiper, 3; Greater Yellow-legs, 2; Lesser Yellow-legs, 4; Least Sandpiper, 100; Western Sandpiper, 15; Mourning Dove, 1021; Inca Dove, 21; Horned Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Red-shafted Flicker, 14; Golden-fronted Woodpecker, 20; Yellow-bellied Sapsucker, 2; Ladder-backed Woodpecker, 3; Eastern Phoebe, 4; Black Phoebe, 8; Say's Phoebe, 3; Vermilion Flycatcher, 9; Black-crested Titmouse, 16; Verdin, 6; Brown Creeper, 1; House Wren, 1; Bewick's Wren, 7; Long-billed Marsh Wren, 6; Cañon Wren, 3; Rock Wren, 8; Mockingbird, 132; Am. Robin, 8; Hermit Thrush, 3; Eastern Bluebird, 10; Blue-gray Gnatcatcher, 1; Ruby-crowned Kinglet, 23; Water Pipit, 6; Cedar Waxwing, 132; Loggerhead Shrike, 5; Common Starling, 129; Solitary Vireo, 1; Orange-crowned Warbler, 4; Myrtle Warbler, 89; Audubon's Warbler, 59; **Pine Warbler,** 1 (carefully identified); Common Yellowthroat, 6; House Sparrow, 316; Western Meadowlark, 34; Red-winged Blackbird, 104; Brewer's Blackbird, 920; Boat-tailed Grackle, 209; Purple Grackle, 6; Brown-headed Cowbird, 220; Cardinal, 59; Pyrrhuloxia, 6; House Finch, 18; Am. Goldfinch, 11; Lesser Goldfinch, 11; Green-tailed Towhee, 3; Spotted Towhee, 5; Brown Towhee, 5; Lark Bunting, 41; Savannah Sparrow, 1; Vesper Sparrow, 2; Rufous-crowned Sparrow, 1; Black-throated Sparrow, 32; Slate-colored Junco, 1; Oregon Junco, 11; Chipping Sparrow, 2; Field Sparrow, 6; White-crowned Sparrow, 149; **White-throated Sparrow,** 3 (carefully identified); Song Sparrow, 22. **Total,** 88 species; about 4214 individuals. (Seen count period: Road-runner.)—Charles R. Gaines, John E. Galley, Margret K. Galley, Mrs. J. W. LeSassier, Frances M. Williams (compiler), Harold L. Williams.

440. Denton, Tex. (7½-mile radius centering 7 miles southeast of Denton, including Lake Dallas, Garza–Little Elm Reservoir; lake shore 10%, deciduous creekbottoms 35%, scattered woodlands 20%, fields and pastures 15%, open prairies 20%).—Jan. 1; 5:30 a.m. to 6:30 p.m. Partly cloudy; temp. 38° to 58°; wind N, 5-15 m.p.h. Eight observers in 3 parties. Total party-hours, 33 (14 on foot, 19 by car); total party-miles, 289 (15 on foot, 274 by car). Pied-billed Grebe, 1; White Pelican, 1; Great Blue Heron, 8; Mallard, 9; Gadwall, 8; Pintail, 1; Green-winged Teal, 50; Redhead, 4; Ring-necked Duck, 6; Am. Golden-eye, 2; **Hooded Merganser,** 1(K.R.); Turkey Vulture, 78; Black Vulture, 6; Sharp-shinned Hawk, 2; Red-tailed Hawk, 5; Marsh Hawk, 3; Sparrow Hawk, 16; Bob-white, 2; Am. Coot, 2; Killdeer,

272; Least Sandpiper, 1; Herring Gull, 1; Ring-billed Gull, 8; Mourning Dove, 22; Road-runner, 1; Screech Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 41; Red-shafted Flicker, 4; Pileated Woodpecker, 1 (R.R.); Red-bellied Woodpecker, 20; Red-headed Woodpecker, 14; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 15; Horned Lark, 340; Blue Jay, 74; Am. Crow, 252; Carolina Chickadee, 82; Tufted Titmouse, 55; White-breasted Nuthatch, 1; Bewick's Wren, 13; Carolina Wren, 1; **Rock Wren, 6** (K.R.); Mockingbird, 33; Brown Thrasher, 7; Am. Robin, 18; Hermit Thrush, 1; Eastern Bluebird, 55; **Mountain Bluebird, 109**; **Sprague's Pipit, 4** (R.R., R.L.); Cedar Waxwing, 4; Loggerhead Shrike, 40; Common Starling, 112; House Sparrow, 300; meadowlark, 1200 (Eastern, 1, Western, 2); Red-winged Blackbird, 132; Brown-headed Cowbird, 266; Cardinal, 135; Purple Finch, 2; Am. Goldfinch, 183; Spotted Towhee, 11; Savannah Sparrow, 5; **Lark Bunting, 39** (R.L.); Vesper Sparrow, 31; Slate-colored Junco, 276; Oregon Junco, 2 (V.H.); Field Sparrow, 211; **Harris's Sparrow, 726**; White-crowned Sparrow, 9; White-throated Sparrow, 29; Fox Sparrow, 4; Lincoln's Sparrow, 2; Song Sparrow, 49; **McCown's Longspur, 900** (A.L., R.L.). **Total,** 76 species; about 6334 individuals. (Seen in area count period: Shoveller, Canvas-back, Myrtle Warbler.) [Excellent details for all unusual observations—Ed.]—H. J. Brown, Viola Hamilton, Mr. and Mrs. John Kostelec, A. W. Lockwood, R. M. Lockwood (compiler), Kent Rylander, Roddy Rylander.

441. **Eagle Pass, Tex.** (same area as last year).—Jan. 1; 7:30 a.m. to 6 p.m. [Clear, clouds, rain, snow?—Ed.]; temp. 40° to 60°; no wind. Nine observers in 3 parties. Total party-hours, 62 (10 on foot, 52 by car); total party-miles, 30 (5 on foot, 25 by car). Horned Grebe, 2; Least Grebe, 1; Great Blue Heron, 4; Gadwall, 50; Am. Widgeon, 1; Pintail, 12; Green-winged Teal, 500; Redhead, 1; Ruddy Duck, 1; Turkey Vulture, 4; Black Vulture, 3; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 8 (Krider's, 1); Harris's Hawk, 5; Marsh Hawk, 10; Sparrow Hawk, 30; Scaled Quail, 12; Sandhill Crane, 100; Sora, 1; Am. Coot, 100; Killdeer, 6; Greater Yellow-legs, 2; Least Sandpiper, 6; Mourning Dove, 200; Ground Dove, 11; Inca Dove, 12; Road-runner, 3; Horned Owl, 3; Burrowing Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Red-shafted Flicker, 5; Golden-fronted Woodpecker, 2; Ladder-backed Woodpecker, 1; Crested Flycatcher, 1; Eastern Phoebe, 1; Black Phoebe, 3; Say's Phoebe, 15; Vermilion Flycatcher, 4; Verdin, 27; Winter Wren, 1; Bewick's Wren, 1; Cactus Wren, 2; Mockingbird, 25; Catbird, 1; Sennett's Thrasher, 4; Curve-billed Thrasher, 2; Sage Thrasher, 1; Am. Robin, 20; Hermit Thrush, 2; Mountain Bluebird, 2; Blue-gray Gnatcatcher, 3; Ruby-crowned Kinglet, 2; Water Pipit, 4; Cedar Waxwing, 10; Loggerhead Shrike, 17; Common Starling, 3; Audubon's Warbler, 6; Common Yellowthroat, 1; **Black-capped Warbler,** 1; House Sparrow, 1; Western Meadowlark, 100; Red-winged Blackbird, 15; Brewer's Blackbird, 500; Boat-tailed Grackle, 150; Brown-headed Cowbird, 500; Cardinal, 14; Pyrrhuloxia, 44; House Finch, 4; Am. Goldfinch, 4; Lesser Goldfinch, 17; Texas Sparrow, 10; Green-tailed Towhee, 6; Spotted Towhee, 1; Lark Bunting, 500; Savannah Sparrow, 7; Baird's Sparrow, 2; Vesper Sparrow, 9; Lark Sparrow, 3; Black-throated Sparrow, 19; Oregon Junco, 35; Clay-colored Sparrow, 6; Field Sparrow, 11; White-crowned Sparrow, 27; Lincoln's Sparrow, 3. **Total,** 85 species (1 additional subspecies); about 3250 individuals. (Seen count period: Whistling Swan, Brown Thrasher, Florida Gallinule.)—Mrs. R. A. Drake, Mrs. Walter Fitch, Jack Keisling, Mrs. Jack Keisling, Rev. David S. Rose, Mrs. David S. Rose, Ernest Scales, Shirley Sherman, Dorothy O. Worrell (compiler).

442. **El Paso, Tex.** (7½-mile radius centering on Scenic Drive, including Memorial Park, Ascarate Park, Cement Lake, McKelligon's Canyon, Peyton's Packing Company, Rio Grande River levee and valley; river bosque 5%, desert sandhills and canyon 35%, city parks 15%, artificial lake 5%, stock yards 5%, river levee and valley farmland 35%).—Dec. 23; 7 a.m. to 5:30 p.m. Mostly clear; temp. 28° to 48°; wind variable to W, 1-15 m.p.h. ground bare, water open. Eight observers in 5 parties. Total party-hours, 51 (26 on foot, 25 by car); total party-miles, 294 (39 on foot, 255 by car). Pied-billed Grebe, 3; Mallard, 15; Gadwall, 89; Am. Widgeon, 117; Green-winged Teal, 51; Canvas-back, 63; Am. Merganser, 4; Turkey Vulture, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 15; Sparrow Hawk, 17; Scaled Quail, 12; Gambel's Quail, 55; Sora, 2; Florida Gallinule, 7; Am. Coot, 218; Killdeer, 4; Wilson's Snipe, 1; Mourning Dove, 32; Road-runner, 8; Belted Kingfisher, 1; Red-shafted Flicker, 27; Yellow-bellied Sapsucker, 1; Eastern Phoebe, 1; Black Phoebe, 2; Say's Phoebe, 2; Vermilion Flycatcher, 1; Verdin, 6; Common Bushtit, 2; Bewick's Wren, 2; Rock Wren, 3; Mockingbird, 2; Curve-billed Thrasher, 2; Crissal Thrasher, 7; Am. Robin, 24; Western Bluebird, 54; Mountain Bluebird, 20; Blue-gray Gnatcatcher, 2; Ruby-crowned Kinglet, 4; Water Pipit, 103; Loggerhead Shrike, 26; Audubon's Warbler, 24; House Sparrow, 545; Western Meadowlark, 51; Yellow-headed Blackbird, 25; Red-winged Blackbird, 1352; Brewer's Blackbird, 1212; Boat-tailed Grackle, 72; Brown-headed Cowbird, 3; Pyrrhuloxia, 1; House Finch, 425; Pine Siskin, 4; Spotted Towhee, 11; Brown Towhee, 2; Lark Bunting, 45; Savannah Sparrow, 1; Baird's Sparrow, 4; Vesper Sparrow, 3; Rufous-crowned Sparrow, 2; Black-throated Sparrow, 15; Sage Sparrow, 30; Oregon Junco, 429 (2 races); Gray-headed Junco, 17; Arizona Junco, 2; Brewer's Sparrow, 128; White-crowned Sparrow, 540 (2 races); **Fox Sparrow, 1**; Song Sparrow, 18. **Total,** 71 species (2 additional subspecies); about 5974 individuals. (Seen in area official count period: Eared Grebe, Am. Golden-eye, Ring-billed Gull, **Saw-whet Owl,** Yellow-shafted Flicker, Hermit Thrush, Lesser Goldfinch.)—Francis Camp, Jennie Camp, Mary Belle Keefer, Mrs. J. Owen Allen (compiler), Mrs. D. T.

Johnson, Mrs. Lena McBee, D. T. Johnson, Jack Stewart (El Paso Audubon Society).

443. Fort Worth, Tex. (same area as last year: 7½-mile radius centering on Federal Fish Cultural Station, including Lake Worth area, Rockwood, Trinity, and Forest Parks).—Dec. 29; 8 a.m. to 6 p.m. Clear; temp. 33° to 73°; wind S to SSW, 5 m.p.h. Thirteen observers in 5 parties. Total party-hours, 96 (57 on foot, 39 by car); total party-miles, 218 (46 on foot, 172 by car). Pied-billed Grebe, 4; Great Blue Heron, 2; Mallard, 9; Gadwall, 39; Am. Widgeon, 77; Pintail, 24; Blue-winged Teal, 2; Shoveller, 5; Redhead, 7; Ring-necked Duck, 9; Canvas-back, 18; Lesser Scaup, 23; Turkey Vulture, 21; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Marsh Hawk, 5; Sparrow Hawk, 15; Am. Coot, 96; Killdeer, 96; Wilson's Snipe, 31; Least Sandpiper, 13; Ring-billed Gull, 18; Mourning Dove, 23; Road-runner, 1; Horned Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 33; Red-shafted Flicker, 3; Red-bellied Woodpecker, 71; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 2; Downy Woodpecker, 23; Eastern Phoebe, 2; Blue Jay, 120; Am. Crow, 68; Carolina Chickadee, 121; Tufted Titmouse, 52; White-breasted Nuthatch, 3; Brown Creeper, 5; Bewick's Wren, 6; Carolina Wren, 21; Long-billed Marsh Wren, 5; Mockingbird, 62; Brown Thrasher, 14; **Sage Thrasher, 1**; Am. Robin, 55; Hermit Thrush, 1; Eastern Bluebird, 23; Ruby-crowned Kinglet, 8; Cedar Waxwing, 34; Loggerhead Shrike, 14; Common Starling, 105,487; Myrtle Warbler, 2; Common Yellowthroat, 1; House Sparrow, 443; Eastern Meadowlark, 128; Red-winged Blackbird, 350,797; Rusty Blackbird, 5066; Brewer's Blackbird, 54; Boat-tailed Grackle, 509; Purple Grackle, 2018; Brown-headed Cowbird, 95,554; Cardinal, 207; Am. Goldfinch, 178; Spotted Towhee, 62; **Lark Bunting, 35**; Savannah Sparrow, 42; Vesper Sparrow, 5; Slate-colored Junco, 246; Am. Tree Sparrow, 7; Chipping Sparrow, 1; Field Sparrow, 26; Harris's Sparrow, 238; White-crowned Sparrow, 20; White-throated Sparrow, 73; Fox Sparrow, 9; Lincoln's Sparrow, 12; Swamp Sparrow, 2; Song Sparrow, 106. **Total,** 81 species; about 562,647 individuals. (Seen count period: House Wren.)—Sister Saint Andrew, Mrs. Walter R. Bauguess, Mrs. Robert Bowman, Mrs. J. E. Casstevens, Diana Harrison, Mrs. Ruth Harrison, Larry McLean, Mrs. G. W. Parker, Jr., Mrs. S. A. Passmore, Warren M. Pulich, Jr., Warren M. Pulich (compiler), Mrs. Wade Smith, Carol Wilson (Fort Worth Audubon Society).

444. Houston, Tex. (same area as in 1939 and subsequent counts).—Dec. 23; 5:40 a.m. to 6 p.m. Mostly cloudy, showers a.m.; temp. 51° to 59°; wind NW, average 12 m.p.h.; only 4 other years had less rainfall since 1905! Thirty-five observers in 9 parties. Total party-hours, 91 (57 on foot, 34 by car); total party-miles, 479 (60 on foot, 419 by car). Pied-billed Grebe, 97; White Pelican, 148; Brown Pelican, 15; Double-crested Cormorant, 98; Water-turkey, 3; Great Blue Heron, 38; Am. Egret, 46; Snowy Egret, 35; Louisiana Heron, 38; Little Blue Heron, 27; **Green Heron, 1** (identification certain); Black-crowned Night Heron, 1; Yellow-crowned Night Heron, 6; Canada Goose, 20; Mallard, 9; **Mottled Duck, 6**; Gadwall, 155; Am. Widgeon, 3; Pintail, 1726; Green-winged Teal, 2; Blue-winged Teal, 1; Shoveller, 2; **Wood Duck, 6**; Ring-necked Duck, 4; Canvas-back, 1; Lesser Scaup, 4; **Red-breasted Merganser, 1**; duck (sp.), 83; Turkey Vulture, 90; Black Vulture, 64; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 24; Red-shouldered Hawk, 29; Marsh Hawk, 47; Pigeon Hawk, 1; Sparrow Hawk, 155; Bob-white, 57; **Clapper Rail, 1**; Am. Coot, 220; Killdeer, 708; Black-bellied Plover, 8; Am. Woodcock, 1; Wilson's Snipe, 13; Spotted Sandpiper, 3; Greater Yellow-legs, 3; Least Sandpiper, 12; Red-backed Sandpiper, 11; Semipalmated Sandpiper, 3; Western Sandpiper, 91; Sanderling, 5; Am. Avocet, 405; Herring Gull, 6; Ring-billed Gull, 1453; Laughing Gull, 284; gulls (sp.), 5; Gull-billed Tern, 29; Forster's Tern, 86; Royal Tern, 3; Caspian Tern, 10; **Black Tern, 1** (all field marks at 50 ft.—S.W., L.T.); Black Skimmer, 50; Mourning Dove, 273; **Barn Owl, 1**; **Screech Owl, 3**; **Horned Owl, 1**; Barred Owl, 9; Belted Kingfisher, 17; Yellow-shafted Flicker, 139; Pileated Woodpecker, 7; Red-bellied Woodpecker, 30; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 10; Downy Woodpecker, 19; Eastern Phoebe, 54; Vermilion Flycatcher, 3; Tree Swallow, 1; Blue Jay, 110; Am. Crow, 719; Carolina Chickadee, 111; Tufted Titmouse, 94; Brown-headed Nuthatch, 10; Brown Creeper, 6; House Wren, 7; Winter Wren, 2; Carolina Wren, 69; Long-billed Marsh Wren, 3; Short-billed Marsh Wren, 13; Mockingbird, 176; Catbird, 2; Brown Thrasher, 97; Am. Robin, 487; Hermit Thrush, 17; Eastern Bluebird, 75; Blue-gray Gnatcatcher, 95; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 86; Water Pipit, 287; Sprague's Pipit, 2; Cedar Waxwing, 70; Loggerhead Shrike, 364; Common Starling, 294; Orange-crowned Warbler, 19; **Parula Warbler, 1** (carefully identified—C.B.G.); Myrtle Warbler, 400; Pine Warbler, 72; Common Yellowthroat, 6; House Sparrow, 422; Eastern Meadowlark, 765; Red-winged Blackbird, 2055; Rusty Blackbird, 2; Brewer's Blackbird, 618; Boat-tailed Grackle, 519; Purple Grackle, 546; Brown-headed Cowbird, 2985; blackbirds (sp.), 2504; Cardinal, 191; Purple Finch, 1; Am. Goldfinch, 1105; **Green-tailed Towhee, 1** (S.W., L.T.); Eastern Towhee, 10; Savannah Sparrow, 181; Seaside Sparrow, 3; Vesper Sparrow, 56; Lark Sparrow, 1; Slate-colored Junco, 93; **Oregon Junco, 6** (2 parties); Chipping Sparrow, 293; **Clay-colored Sparrow, 1** (A.Y.); Field Sparrow, 54; **Harris's Sparrow, 5**; White-crowned Sparrow, 15; White-throated Sparrow, 534; Lincoln's Sparrow, 99; Swamp Sparrow, 16; Song Sparrow, 14. **Total,** 133 species; about 23,832 individuals. (Species recorded on 18 Houston Counts total 211.) [Careful details submitted for all unusual observations—Ed.]—Carl Aiken, Mrs. Jerry Baker, L. A. M. Barnette, Mrs. L. A. M. Barnette, Sidney Barnette, Tom S. Butler, Nance Cunningham, Vic L. Emanuel, Ronald Fowler, C. B. Gilman, Mrs. C. B. Gilman, Werner H. Gottsch, Bill Green, Charles W. Hamilton, Mary Alice Hamilton, Joe M. Heiser, Jr., Henry

S. Hoffman, Mrs. Henry S. Hoffman, Carrie Holcomb, Harriet Hunt, Mabel Kaiser, Darris Massingill, C. R. Mattei, Jimmy Murray, Norma Oates, John O'Neill, Noel Perley (compiler), Carolyn Simmons, Leota Stilwell, Lawrence Tabony, Josiephine Wilkin, George Williams, Steve Williams, Ella Wolfer, Armand Yramategui (Outdoor Nature Club).

445. **Laguna Atascosa National Wildlife Refuge,** Tex. (7½-mile radius centered on Needle Island in Laguna Atascosa, 16 air-miles northeast of San Benito; mesquite–chaparral woodland 15%, brush-covered ridges 15%, farmlands 15%, coastal prairie 15%, freshwater marshes and shallow lakes 15%, roadsides 5%, brackish bay and shore 20%).—Dec. 30; 5:30 a.m. to 7 p.m. Clear; temp. 45° to 76°; wind S, 12-13 m.p.h. Thirty-three observers in 14 parties. Total party-hours, 143 (91 on foot, 45 by car, 7 by boat); total party-miles, 387 (69 on foot, 273 by car, 45 by boat). Horned Grebe, 2; Eared Grebe, 23; Least Grebe, 3; Pied-billed Grebe, 24; White Pelican, 942; Brown Pelican, 55; Double-crested Cormorant, 224; Olivaceous Cormorant, 26; Water-turkey, 1; Great Blue Heron, 149; Am. Egret, 57; Snowy Egret, 26; Reddish Egret, 120 (2 white-phase); Louisiana Heron, 31; Little Blue Heron, 13; Green Heron, 1; Black-crowned Night Heron, 19; Am. Bittern, 1; White Ibis, 16; Canada Goose, 1047; White-fronted Goose, 248; Snow Goose, 852; Blue Goose, 87; Mallard, 26; Mottled Duck, 10; Gadwall, 596; Am. Widgeon, 878; Pintail, 31,493; Green-winged Teal, 177; Blue-winged Teal, 5; Cinnamon Teal, 3; Shoveller, 371; Redhead, 147,676; Ring-necked Duck, 2; Canvasback, 185; Lesser Scaup, 257; Buffle-head, 94; Ruddy Duck, 1681; Red-breasted Merganser, 10; Turkey Vulture, 91; Black Vulture, 270; White-tailed Kite, 3; Sharp-shinned Hawk, 18; Cooper's Hawk, 16; Red-tailed Hawk, 31; Red-shouldered Hawk, 8; Swainson's Hawk, 2; White-tailed Hawk, 8; Rough-legged Hawk, 1; Ferruginous Hawk, 2; Harris's Hawk, 110; Marsh Hawk, 152; Audubon's Caracara, 43; Peregrine Falcon, 6; Pigeon Hawk, 1; Sparrow Hawk, 149; Bob-white, 147; Sandhill Crane, 491; Am. Coot, 1595; Piping Plover, 217; Snowy Plover, 65; Ringed Plover, 556; **Mountain Plover, 44** (carefully studied since Nov. 11); Killdeer, 181; Black-bellied Plover, 153; Ruddy Turnstone, 5; Wilson's Snipe, 3; Long-billed Curlew, 520; Spotted Sandpiper, 5; Willet, 185; Greater Yellow-legs, 97; Lesser Yellow-legs, 31; Least Sandpiper, 160; Red-backed Sandpiper, 1869; dowitcher, (sp.), 757; Stilt Sandpiper, 13; Semipalmated Sandpiper, 704; Western Sandpiper, 1108; Marbled Godwit, 35; Sanderling, 39; Am. Avocet, 636; Black-necked Stilt, 1; Herring Gull, 300; Ring-billed Gull, 204; Laughing Gull, 52; Gull-billed Tern, 82; Forster's Tern, 74; Common Tern, 9; Royal Tern, 24; Caspian Tern, 206; Black Skimmer, 19; Mourning Dove, 812; Ground Dove, 166; Inca Dove, 67; White-fronted Dove, 3; Roadrunner, 12; Groove-billed Ani, 1; Screech Owl, 2; Horned Owl, 10; Short-eared Owl, 1; Pauraque, 11; Belted Kingfisher, 5; Green Kingfisher, 1; Yellow-shafted Flicker, 4; Golden-fronted Woodpecker, 70; Yellow-bellied Sapsucker, 5; Ladder-backed Woodpecker, 48; Tropical Kingbird, 3; Derby Flycatcher, 37; Eastern Phoebe, 49; Say's Phoebe, 45; empidonax flycatcher (sp.), 4; Vermilion Flycatcher, 30; Horned Lark, 217; Green Jay, 36; Black-crested Titmouse, 15; Verdin, 78; House Wren, 15; Bewick's Wren, 96; Carolina Wren, 4; Cactus Wren, 43; Long-billed Marsh Wren, 2; **Rock Wren, 2**; Mockingbird, 1204; Sennett's Thrasher, 26; Curve-billed Thrasher, 149; Sage Thrasher, 121; Am. Robin, 1; Hermit Thrush, 3; Eastern Bluebird, 2; Blue-gray Gnatcatcher, 92; Ruby-crowned Kinglet, 28; Water Pipit, 172; Sprague's Pipit, 38; Loggerhead Shrike, 230; Common Starling, 37; White-eyed Vireo, 4; Solitary Vireo, 3; Black and White Warbler, 1; Orange-crowned Warbler, 81; Myrtle Warbler, 109; Audubon's Warbler, 2; Black-throated Gray Warbler, 2; **Louisiana Water-thrush, 1** (carefully identified); Common Yellowthroat, 30; Black-capped Warbler, 2; House Sparrow, 152; Eastern Meadowlark, 748; Red-winged Blackbird, 2794; Audubon's Oriole, 3; Hooded Oriole, 2; Brewer's Blackbird, 1878; Boat-tailed Grackle, 976; Brown-headed Cowbird, 1902; Cardinal, 43; Pyrrhuloxia, 23; Sharpe's Seedeater, 2; Am. Goldfinch, 68; Texas Sparrow, 12; Green-tailed Towhee, 14; Lark Bunting, 46; Savannah Sparrow, 979; Grasshopper Sparrow, 6; Leconte's Sparrow, 2; Vesper Sparrow, 207; Lark Sparrow, 115; Botterei's Sparrow, 1; Cassin's Sparrow, 16; Black-throated Sparrow, 37; **Slate-colored Junco, 1**; Clay-colored Sparrow, 148; Field Sparrow, 80; White-crowned Sparrow, 159; White-throated Sparrow, 6; Lincoln's Sparrow, 24; Swamp Sparrow, 14; Song Sparrow, 3. **Total,** 176 species; about 213,622 individuals.—Carl Aiken, Richard O. Albert, Mr. and Mrs. Joe Baingo, Johnny A. Alderman, Mr. and Mrs. Russell Bingley, Milton A. Chandler, Russel W. Clapper, Dr. and Mrs. Clarence Cottam, Mr. and Mrs. Irby Davis, Vic L. Emanuel, Terry Gill, Luther C. Goldman (compiler), Mrs. Luther C. Goldman, Eddie L. Goldman, C. E. Hudson, Jr., Mr. and Mrs. Rex Hunter, Merritt H. Hull, Bob Kern, Edgar Kincaid, Mrs. A. P. Longland, Sandra Lowe, John Morony, Milton Reeves, Donald Stalmach, Mr. and Mrs. E. D. Swedenborg, John Webb, Alan Weber.

446. **Midland, Tex.** (same area as last year; parks and cemeteries 11%, cultivated areas 10%, hackberry, chinaberry, mesquite and grass 30%, mesquite thickets and bunch grass 49%).—Dec. 22; 7:15 a.m. to 5:30 p.m. Clear; temp. 34° to 60°; wind NW, 5-30 m.p.h.; blowing sand p.m. cut visibility to less than 1 mile. Seven observers in 3 parties. Total party-hours, 20 (8 on foot, 12 by car); total party-miles, 83 (6 on foot, 77 by car). Great Blue Heron, 1; Green-winged Teal, 1; Red-tailed Hawk, 6; Ferruginous Hawk, 4; Marsh Hawk, 12; Sparrow Hawk, 2; Bob-white, 1; Scaled Quail, 15; Killdeer, 2; Long-billed Curlew, 45; Mourning Dove, 132; Horned Owl, 4; Burrowing Owl, 7; Long-eared Owl, 1; Yellow-shafted Flicker, 1; Red-shafted Flicker, 13; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 11; Say's Phoebe, 1; Horned Lark, 134; White-necked Raven, 22; Cactus Wren, 26; Rock Wren, 1; Mockingbird, 26; Brown Thrasher, 2; Curve-billed

Thrasher, 8; Sage Thrasher, 11; Am. Robin, 17; Townsend's Solitaire, 3; Ruby-crowned Kinglet, 2; Water Pipit, 3; Loggerhead Shrike, 44; Common Starling, 21; Audubon's Warbler, 1; House Sparrow, 935; Western Meadowlark, 125; Red-winged Blackbird, 8; Brewer's Blackbird, 126; Brown-headed Cowbird, 41; Cardinal, 10; Pyrrhuloxia, **99**; House Finch, 16; Am. Goldfinch, 19; Green-tailed Towhee, 1; Spotted Towhee, 5; Brown Towhee, 1; Lark Bunting, 2758; Savannah Sparrow, 4; Baird's Sparrow, 2; Vesper Sparrow, 7; Sage Sparrow, **13**; Oregon Junco, 141; Chipping Sparrow, 2; Field Sparrow, 8; White-crowned Sparrow, 374; **White-throated Sparrow, 1** (present since Nov. 18); Song Sparrow, 8. **Total,** 57 species; about 5285 individuals. (Seen count period: Downy Woodpecker, Eastern Phoebe, Bewick's Wren, Myrtle Warbler.)—John E. Galley, Margret K. Galley, Mrs. L. E. Haynes, Mrs. J. W. LeSassier, Lucien O. Thompson, Frances M. Williams (compiler), Harold L. Williams.

447. Muleshoe National Wildlife Refuge, Tex. (5809 acres; short grass-mesquite pasture 86%, shallow lakes or dry lake beds 10%, tree shelterbelt 4%). —Dec. 26; 8 a.m. to 6:40 p.m. Clear; temp. 22° to 61°; wind SW, 0-5 m.p.h.; ground dry, lakes open. Two observers in 1 party. Total party-hours, 21 (4 on foot, 17 by car); total party-miles, 37 (2 on foot, 35 by car). Canada Goose, 500; Mallard, 60,000; Gadwall, 2; Am. Widgeon, 30,000; Pintail, 10,000; Green-winged Teal, 100; Shoveller, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 5; Ferruginous Hawk, 3; Golden Eagle, 1; Marsh Hawk, 17; Prairie Falcon, 2; Peregrine Falcon, 1; Sparrow Hawk, 1; Scaled Quail, 95; Sandhill Crane, **41,000**; Herring Gull, 20; Ring-billed Gull, 6; Mourning Dove, 28; Horned Owl, 2; Yellow-shafted Flicker, 2; Red-shafted Flicker, 1; Hairy Woodpecker, 1; Ladder-backed Woodpecker, 2; Horned Lark, 123; Mockingbird, 1; Brown Thrasher, 1; Curve-billed Thrasher, 2; Loggerhead Shrike, 2; House Sparrow, 80; Western Meadowlark, 150; Cardinal, 1; House Finch, 24; Lark Bunting, 460; Sage Sparrow, 30; Oregon Junco, 45 (35 Pink-sided); Chipping Sparrow, 5; White-crowned Sparrow, 170; Song Sparrow, 14. **Total,** 40 species (1 additional subspecies); about 142,900 individuals. (Seen count period: Burrowing Owl, Common Starling.)—Elizabeth C. Darnell, Robert L. Darnell (compiler).

448. Palmetto State Park, Tex. (same area and habitats as last year).—Dec. 29; 8 a.m. to 5 p.m. Clear; temp. 41° to 68°; wind WNW to WSW, 6-2 m.p.h.; ground dry. Two observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 14 (3 on foot, 11 by car). Pied-billed Grebe, 2; Great Blue Heron, 1; Turkey Vulture, 63; Black Vulture, 10; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Marsh Hawk, 2; Sparrow Hawk, 3; **Sandhill Crane, 1** (well seen); Am. Coot, 27; Killdeer, 15; Mourning Dove, 23; Ground Dove, 9; Screech Owl, 1; Yellow-shafted Flicker, 8; Red-shafted Flicker, 2; Pileated Woodpecker, 1; Red-bellied Woodpecker, 15; Yellow-bellied Sapsucker, 4; Downy Woodpecker, 3; Eastern Phoebe, 6; Blue Jay, 16; Am. Crow, 17; Carolina Chickadee, 23; Tufted Titmouse, 13; Brown Creeper, 1; Bewick's Wren, 14; Carolina Wren, 11; Mockingbird, 70; Brown Thrasher, 15; Am. Robin, 35; Hermit Thrush, 15; Eastern Bluebird, 21; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 33; Water Pipit, 50; Cedar Waxwing, 37; Loggerhead Shrike, 5; Orange-crowned Warbler, 6; Myrtle Warbler, 67; **Yellow-throated Warbler, 1** (carefully identified); Common Yellowthroat, 1; House Sparrow, 9; Western Meadowlark, 3; Red-winged Blackbird, 366; Brown-headed Cowbird, 30; Cardinal, 103; Am. Goldfinch, 86; [Eastern Towhee, 1 + Spotted Towhee, 45]; Vesper Sparrow, 60; Lark Sparrow, 2; Slate-colored Junco, 65; Field Sparrow, 55; Harris's Sparrow, 88; White-crowned Sparrow, 40; White-throated Sparrow, 103; Fox Sparrow, 5; Lincoln's Sparrow, 3; Song Sparrow, 4. **Total,** 59 species (1 additional subspecies); about 1720 individuals. [Exceptionally neat report with careful details for all unusual observations—Ed.]—Philip Campbell, Fred S. Webster, Jr. (compiler).

449. San Antonio, Tex. (7½-mile radius centered on Woodlawn Lake; light deciduous woodland 60%, fields and pastures 9%, roadways and ditches 30%, lakes and ponds 1%).—Dec. 29; 7 a.m. to 6 p.m. Clear; temp. 42° to 65°; wind N to NW, 0-5 m.p.h. Twenty observers in 3 parties. Total party-hours, 26 (21 on foot, 5 by car); total party-miles, 60 (10 on foot, 50 by car). Pied-billed Grebe, 16; Great Blue Heron, 1; Yellow-crowned Night Heron, 1; Am. Bittern, 1; Gadwall, 2; Pintail, 75; Shoveller, 26; Ring-necked Duck, 82; Canvas-back, 16; Ruddy Duck, 10; Turkey Vulture, 3; Black Vulture, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1 (Krider's); Broad-winged Hawk, 1; Sparrow Hawk, 25; Turkey, 3; Florida Gallinule, 1; Am. Coot, 24; Killdeer, 47; Wilson's Snipe, 1; Mourning Dove, 63; Inca Dove, 50; Roadrunner, 3; Screech Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 6; Red-shafted Flicker, 2; Golden-fronted Woodpecker, 20; Yellow-bellied Sapsucker, 3; Ladder-backed Woodpecker, 17; Eastern Phoebe, 16; Vermilion Flycatcher, 9; Carolina Chickadee, 21; Black-crested Titmouse, 58; Verdin, 5; Brown Creeper, 4; Winter Wren, 2; Bewick's Wren, 15; Carolina Wren, 12; Long-billed Marsh Wren, 6; Cañon Wren, 1; Mockingbird, 84; Brown Thrasher, 1; Sennett's Thrasher, 1; Am. Robin, 2; Hermit Thrush, 4; **Olive-backed Thrush, 1** (all field marks); Eastern Bluebird, 40; Mountain Bluebird, 32; Blue-gray Gnatcatcher, 2; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 15; Water Pipit, 1; Cedar Waxwing, 31; Loggerhead Shrike, 17; Common Starling, 3500; Solitary Vireo, 2; Orange-crowned Warbler, 2; Myrtle Warbler, 38; **Audubon's Warbler, 2**; Yellow-throated Warbler, 2; Black-capped Warbler, 1 (carefully identified); House Sparrow, 215; Western Meadowlark, 140; Red-winged Blackbird, 1600; Brewer's Blackbird, 23; Boat-tailed Grackle, 3300; Brown-headed Cowbird, 4800; Cardinal, 82; Pyrrhuloxia, 2; House Finch, 85; Pine Siskin, 20; Am. Goldfinch, 184; Lesser Goldfinch, 96; Spotted Towhee, 21; Lark Bunting, 350; Savannah Sparrow, 10;

Vesper Sparrow, 6; Lark Sparrow, 47; Black-throated Sparrow, 10; Slate-colored Junco, 74; Oregon Junco, 13 (Pink-sided); Chipping Sparrow, 30; Clay-colored Sparrow, 11; Field Sparrow, 34; Harris's Sparrow, 1; White-crowned Sparrow, 34; White-throated Sparrow, 6; Fox Sparrow, 8; Lincoln's Sparrow, 4; Song Sparrow, 2. **Total,** 92 species; about 15,641 individuals. (Seen official count period: Least Grebe, Am. Egret, Snowy Egret, Sora, **Black-legged Kittiwake** [collected], Black Phoebe.)—Mrs. L. W. Benton, Elizabeth Blount (compiler), Mr. and Mrs. Henry Karl, Mrs. John Kush, Mr. and Mrs. Dwight T. Smith, Edith Wilson, H. E. Wilson, Mrs. Liston E. Zander (San Antonio Audubon Society).

450. **Santa Ana National Wildlife Refuge, Tex.** (same area as last year).—Dec. 27; 5:30 a.m. to 6:30 p.m. Mostly cloudy; temp. 46° to 70°; wind variable, 10 m.p.h. Twenty observers in 8 parties. Total party-hours, 70 (45 on foot, 25 by car); total party-miles, 273 (40 on foot, 233 by car). Eared Grebe, 7; Least Grebe, 4; Pied-billed Grebe, 2; Olivaceous Cormorant, 1; Great Blue Heron, 1; Canada Goose, 26; Mallard, 1; Gadwall, 17; Am. Widgeon, 24; Pintail, 25; Green-winged Teal, 168; Blue-winged Teal, 21; Cinnamon Teal, 5; Shoveller, 70; Redhead, 2; Canvas-back, 3; Lesser Scaup, 20; Turkey Vulture, 66; Black Vulture, 191; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 8; Red-shouldered Hawk, 12; Harris's Hawk, 48; Marsh Hawk, 11; Audubon's Caracara, 3; Pigeon Hawk, 2; Sparrow Hawk, 83; Chachalaca, 33; Am. Coot, 131; Killdeer, 69; Spotted Sandpiper, 14; Willet, 5; Greater Yellow-legs, 6; Lesser Yellow-legs, 1; Least Sandpiper, 7; Stilt Sandpiper, 2; Semipalmated Sandpiper, 2; Western Sandpiper, 2; Forster's Tern, 2; Red-billed Pigeon, 2; Mourning Dove, 199; White-winged Dove, 1; Ground Dove, 18; Inca Dove, 88; White-fronted Dove, 16; Road-runner, 7; Barn Owl, 1; Screech Owl, 3; Horned Owl, 8; Ferruginous Owl, 1; Pauraque, 7; Ruby-throated Hummingbird, 1; Yellow-shafted Flicker, 11; Red-shafted Flicker, 3; Golden-fronted Woodpecker, 89; Yellow-bellied Sapsucker, 10; Ladder-backed Woodpecker, 66; Tropical Kingbird, 2; Derby Flycatcher, 73; Eastern Phoebe, 45; Say's Phoebe, 5; empidonax flycatcher (sp.), 1; Vermilion Flycatcher, 10; Beardless Flycatcher, 1; Horned Lark, 13; Green Jay, 103; White-necked Raven, 517; Black-crested Titmouse, 50; Verdin, 16; **Brown Creeper, 2** (1 present since Oct. 25); House Wren, 16; Bewick's Wren, 5; Carolina Wren, 2; Cactus Wren, 6; Long-billed Marsh Wren, 8; Short-billed Marsh Wren, 1; Mockingbird, 120; Catbird, 2; Sennett's Thrasher, 40; Curve-billed Thrasher, 25; Sage Thrasher, 1; Am. Robin, 20; Hermit Thrush, 11; Eastern Bluebird, 72; Mountain Bluebird, 19; Blue-gray Gnatcatcher, 208; Ruby-crowned Kinglet, 51; Water Pipit, 72; Cedar Waxwing, 10; Loggerhead Shrike, 52; Common Starling, 11; White-eyed Vireo, 7; Solitary Vireo, 13; **Philadelphia Vireo,** 13; Black and White Warbler, 9; Orange-crowned Warbler, 49; Nashville Warbler, 11; Sennett's Warbler, 1; Myrtle Warbler, 89; Black-throated Gray Warbler, 4; Black-throated Green Warbler, 1; Blackburnian Warbler, 1; Yellow-throated Warbler, 3; Chestnut-sided Warbler, 1; Pine Warbler, 1; Common Yellowthroat, 10; Black-capped Warbler, 2; House Sparrow, 705; Eastern Meadowlark, 43; Yellow-headed Blackbird, 1; Red-winged Blackbird, 2271; Audubon's Oriole, 10; Alta Mira Oriole, 4; Brewer's Blackbird, 705; Boat-tailed Grackle, 379; Brown-headed Cowbird, 4200; Cardinal, 94; **Rose-breasted Grosbeak,** 1; Pyrrhuloxia, 7; Sharpe's Seed-eater, 1; Am. Goldfinch, 301; Texas Sparrow, 37; Green-tailed Towhee, 1; Savannah Sparrow, 16; Vesper Sparrow, 2; Lark Sparrow, 84; **Slate-colored Junco, 2** (several records this fall); Chipping Sparrow, 21; Clay-colored Sparrow, 6; Field Sparrow, 26; White-crowned Sparrow, 25; White-throated Sparrow, 35; Lincoln's Sparrow, 19; Swamp Sparrow, 2; Song Sparrow, 3. **Total,** 136 species; about 12,425 individuals. (Seen count period: Bell's Vireo, Audubon's Warbler, Lazuli Bunting.) Lola Barnhart, Charles Bender, H. J. Bock, Milton Chandler, Russel W. Clapper, Don Dreyer, Mrs. Myrtle Gaffin, Luther C. Goldman (compiler), Mrs. Ernest Greene, C. E. Hudson, Jr., Mrs. A. P. Longland, C. E. Moffitt, C. N. Moore, Anna Morgan, John Morony, Mr. and Mrs. E. D. Swedenborg, John Webb, Katherine Young, Mary Young.

451. **Sherman, Tex.** (area fits within 15-mile diameter circle and is roughly rectangular extending from Sherman on east to Sadler on west, from Pottsboro on north to Southmayd on south, includes upper part of Hagerman Wildlife Refuge on Big Mineral Fork of Lake Texoma; cultivated fields and meadows 91%, wooded creekbottoms 3%, lakes and ponds 6%).—Dec. 29; 7:45 a.m. to 6 p.m. Clear; temp. 36° to 64°; wind NW, 5 m.p.h. One observer. Total hours, 10 (2 on foot, 8 by car); total miles, 102 (5 on foot, 97 by car). Great Blue Heron, 4; Canada Goose, 1860; Snow Goose, 2; Blue Goose, 2; Mallard, 425; Gadwall, 3; Am. Widgeon, 19; Green-winged Teal, 6; Shoveller, 33; Canvas-back, 11; Lesser Scaup, 8; Turkey Vulture, 13; Black Vulture, 5; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 1; Bob-white, 12; Killdeer, 11; Mourning Dove, 35; Belted Kingfisher, 1; Yellow-shafted Flicker, 3; Red-shafted Flicker, 1; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 5; Blue Jay, 20; Am. Crow, 60; Carolina Chickadee, 21; Tufted Titmouse, 14; Bewick's Wren, 1; Carolina Wren, 8; Mockingbird, 9; Brown Thrasher, 2; Am. Robin, 41; Eastern Bluebird, 6; Loggerhead Shrike, 11; Common Starling, 14; House Sparrow, 71; Eastern Meadowlark, 89; Red-winged Blackbird, 1256; Rusty Blackbird, 3; Purple Grackle, 6; Brown-headed Cowbird, 9; Cardinal, 56; Am. Goldfinch, 77; Spotted Towhee, 1; Savannah Sparrow, 2; Vesper Sparrow, 9; Slate-colored Junco, 11; Field Sparrow, 6; Harris's Sparrow, 90; White-crowned Sparrow, 3; White-throated Sparrow, 31; Lincoln's Sparrow, 2. **Total,** 55 species; about 4403 individuals. (Complete absence of shorebirds around upper part of refuge probably due to low water level in lake, and fact that ponds, which

have been empty, only recently filled by rains.)—J. P. Ferrill.

452. Tyler, Tex. (same area as previous years).—Dec. 26; 6 a.m. to 5:45 p.m. Clear; temp. 30° to 60°; wind calm to NW, 5 m.p.h. Five observers in 3 parties. Total party-hours, 28 (20 on foot, 8 by car); total party-miles, 163 (20 on foot, 143 by car). Pied-billed Grebe, 49; Great Blue Heron, 11; Mallard, 5; Black Duck, 2; Am. Widgeon, 16; Pintail, 3; Green-winged Teal, 6; Blue-winged Teal, 4; Shoveller, 4; Redhead, 2; Ring-necked Duck, 6; Canvas-back, 1; Lesser Scaup, 18; Ruddy Duck, 1; Turkey Vulture, 22; Black Vulture, 1; Sharp-shinned Hawk, 4; Cooper's Hawk, 3; Red-tailed Hawk, 8; Red-shouldered Hawk, 4; Rough-legged Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 13; Bob-white, 10; Am. Coot, 3332; Killdeer, 80; Wilson's Snipe, 33; Least Sandpiper, 11; Dowitcher, 1; Mourning Dove, 21; Screech Owl, 1; Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 30; Pileated Woodpecker, 1; Red-bellied Woodpecker, 29; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 9; Eastern Phoebe, 6; Blue Jay, 103; Am. Crow, 105; Carolina Chickadee, 43; Tufted Titmouse, 17; Brown Creeper, 1; House Wren, 1; Winter Wren, 2; Bewick's Wren, 3; Carolina Wren, 17; Short-billed Marsh Wren, 3; Mockingbird, 41; Brown Thrasher, 18; Am. Robin, 195; Hermit Thrush, 9; Eastern Bluebird, 117; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 39; Water Pipit, 30; Sprague's Pipit, 1; Cedar Waxwing, 53; Loggerhead Shrike, 20; Common Starling, 1210; Orange-crowned Warbler, 7; Myrtle Warbler, 63; Pine Warbler, 68; House Sparrow, 65; Eastern Meadowlark, 1040; Red-winged Blackbird, 930+; Rusty Blackbird, 750; Brewer's Blackbird, 519; Purple Grackle, 480; Brown-headed Cowbird, 239; Cardinal, 57; Purple Finch, 1; Pine Siskin, 6; Am. Goldfinch, 123; Eastern Towhee, 17; Savannah Sparrow, 23; Leconte's Sparrow, 8; Vesper Sparrow, 51; Lark Sparrow, 7; Slate-colored Junco, 244; Chipping Sparrow, 20; Field Sparrow, 89; Harris's Sparrow, 24; White-crowned Sparrow, 14; White-throated Sparrow, 226; Fox Sparrow, 10; Lincoln's Sparrow, 6; Swamp Sparrow, 13; Song Sparrow, 30; Lapland Longspur, 11 (carefully identified). **Total,** 94 species; over 10,959 individuals.—John Arvin, Mrs. F. L. Carmichael, J. P. Ferrill, Jan Gordon, Gaddis Taylor (compiler).

453. Welder Wildlife Refuge, Tex. (at Sinton 30 miles northwest of Corpus Christi, 5 miles inland from Copano Bay and bordering Aransas River for about 10 miles; refuge 10 miles long, 2½miles wide).—Dec. 27; 6:30 a.m. to 6:15 p.m. Partly overcast; temp. 60° to 70°; wind 10-20 m.p.h. Three observers in 2 parties. Total party-hours, 30 (12 on foot, 18 by car); total party-miles, 55 (10 on foot, 45 by car). White Pelican, 1; Water-turkey, 2; Great Blue Heron, 11; Am. Egret, 1; Green Heron, 1; Canada Goose, 146; White-fronted Goose, 2; Snow Goose, 5; Mottled Duck, 3; Gadwall, 8; Pintail, 12; Green-winged Teal, 18; Shoveller, 2; Redhead, 1; Turkey Vulture, 100; Black Vulture, 50; Red-tailed Hawk, 21 (1 Krider's); Harlan's Hawk, 1; Red-shouldered Hawk, 1; White-tailed Hawk, 1; Harris's Hawk, 12; Marsh Hawk, 20; Audubon's Caracara, 15; Prairie Falcon, 1; Sparrow Hawk, 25; Bob-white, 46; Turkey, 133; Sandhill Crane, 200+; Killdeer, 28; Wilson's Snipe, 20; Greater Yellow-legs, 4; Red-backed Sandpiper, 4; **Stilt Sandpiper, 1** (carefully identified); Ring-billed Gull, 3; Laughing Gull, 4; Mourning Dove, 75; Ground Dove, 2; Road-runner, 4; Horned Owl, 4; Barred Owl, 4; Pauraque, 1; Yellow-shafted Flicker, 17; Red-shafted Flicker, 6; Golden-fronted Woodpecker, 6; Ladder-backed Woodpecker, 7; Eastern Phoebe, 15; Say's Phoebe, 4; Vermilion Flycatcher, 9; Blue Jay, 2; Verdin, 8; House Wren, 2; Bewick's Wren, 12; Carolina Wren, 2; Long-billed Marsh Wren, 1; Mockingbird, 100; Brown Thrasher, 21; Sage Thrasher, 5; Am. Robin, 3; Hermit Thrush, 4; Eastern Bluebird, 4; Blue-gray Gnatcatcher, 22; Ruby-crowned Kinglet, 7; Water Pipit, 70; Sprague's Pipit, 2; Cedar Waxwing, 7; Loggerhead Shrike, 62; Common Starling, 225; White-eyed Vireo, 5; **Solitary Vireo, 1** (carefully identified at close range); Orange-crowned Warbler, 6; Common Yellowthroat, 2; Eastern Meadowlark, 75; Western Meadowlark, 100+; Red-winged Blackbird, 200+; **Bullock's Oriole, 1** (carefully identified at close range); Brewer's Blackbird, 2; Boat-tailed Grackle, 115; Brown-headed Cowbird, 150; Cardinal, 85; Pyrrhuloxia, 12; Am. Goldfinch, 22; Texas Sparrow, 4; [Eastern + Spotted Towhee, 15]; Lark Bunting, 40; Savannah Sparrow, 250; Leconte's Sparrow, 1; Vesper Sparrow, 230; Lark Sparrow, 3; Black-throated Sparrow, 1; Clay-colored Sparrow, 1; Field Sparrow, 42; White-crowned Sparrow, 135; White-throated Sparrow, 80; Lincoln's Sparrow, 7; Swamp Sparrow, 4; Song Sparrow, 5. **Total,** 96 species (2 additional subspecies); about 3211 individuals.—Clarence Cottam (compiler), Margery B. Cottam, Caleb Glazener.

454. Billings, Mont. (7½-mile radius centering on Carter Oil Refinery in Yellowstone Valley between Billings and Huntley; irrigated farmlands 50%, upland pasture and wheat fields 20%, rimrocks 10%, timbered bottomlands 5%, water areas 10%, urban 5%).—Dec. 23; 7:30 a.m. to 5:30 p.m. Partly cloudy; temp. 26° to 45°; wind W, 5-15 m.p.h.; few patches of snow, most ponds frozen, flowing water open. Eight observers in 5 parties. Total party-hours, 37 (23 on foot, 14 by car); total party-miles, 275 (28 on foot, 247 by car). Mallard, 148; Am. Golden-eye, 36; Am. Merganser, 1; Red-breasted Merganser, 1; Rough-legged Hawk, 4; Golden Eagle, 11; Bald Eagle, 1; Prairie Falcon, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 59; Killdeer, 1; Belted Kingfisher, 2; Red-shafted Flicker, 12; Hairy Woodpecker, 1; Downy Woodpecker, 3; Horned Lark, 25; Am. Magpie, 470; **Clark's Nutcracker, 1** (carefully identified); Black-capped Chickadee, 84; **Mountain Chickadee, 4**; White-breasted Nuthatch, 14; **Red-breasted Nuthatch, 3**; **Pygmy Nuthatch, 2**; Brown Creeper, 8; Am. Robin, 43; Townsend's Solitaire, 21; **Golden-crowned Kinglet, 1**; Bohemian Waxwing, 199; Gray

Shrike, 3; Common Starling, 266; House Sparrow, 453; Western Meadowlark, 14; Red-winged Blackbird, 16; **Brewer's Blackbird, 10** (carefully identified); Evening Grosbeak, 11; **Pine Grosbeak, 1**; Gray-crowned Rosy Finch, 39; Pine Siskin, 76; **Red Crossbill, 45**; Am. Tree Sparrow, 170; White-crowned Sparrow, 6; Song Sparrow, 16. **Total,** 42 species; about 2486 individuals.—Ralph Andrews, Mrs. Clifford Bjoraa, Wilfred Crabb, Mrs. Philip Hendricks, William Hoheisel, Louis Moos, Liven Peterson (compiler), Winifred Stull (Billings Audubon Society).

455. Bozeman, Mont. (Gallatin Valley from lower Bridger Canyon and Sourdough Creek northwest to Belgrade between West Gallatin River and Bridger foothills; cultivated land 70%, range 15%, trees and brush 10%, city parks, campus, cemetery, city dump 2%, marsh 3%).—Dec. 29; 8 a.m. to 4:45 p.m. Clear; temp. 22° to 38°; wind W, 0-2 m.p.h.; ground bare to 2-in. snow, most water open, pond frozen. Four observers in 1 party. Total party-hours, 8¾ (5 on foot, 3¾ by car); total party-miles, 79 (5 on foot, 74 by car). Mallard, 16; Am. Golden-eye, 4; Ruddy Duck, 1; Cooper's Hawk, 1; Rough-legged Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 2; Killdeer, 1; Wilson's Snipe, 1; Belted Kingfisher, 3; Steller's Jay, 1; Am. Magpie, 113; Common Raven, 3; Am. Crow, 64; Black-capped Chickadee, 12; Mountain Chickadee, 9; Red-breasted Nuthatch, 1; Brown Creeper, 1; Am. Dipper, 1; Townsend's Solitaire, 4; Bohemian Waxwing, 80; Gray Shrike, 3; Common Starling, 258; House Sparrow, 366; Pine Grosbeak, 16; Song Sparrow, 4. **Total,** 26 species; about 967 individuals.—Clifford Davis, Clifford V. Davis (compiler), Mary Geis, Elmo Lott.

456. Great Falls, Mont. (same area as 1955, but better coverage of Lower Sun River section; city, suburbs, airbase 12%, river and marsh 5%, buttes and ravines 10%, cottonwoods–juniper range 33%, cultivated land 32% [8% = ?—Ed.]).—Dec. 27; 7:30 a.m. to 5 p.m. Partly cloudy; temp. 42° to 55°; wind strong SW, gusts to 50 m.p.h.; no snow, ground frozen, river frozen above Black Eagle Dam. Five observers in 2 parties. Total party-hours, 19 (10 on foot, 9 by car); total party-miles, 162 (16 on foot, 146 by car). Horned Grebe, 1; Eared Grebe, 1; Western Grebe, 2; Mallard, 1056; Gadwall, 3; Am. Widgeon, 13; **Pintail, 1** (sitting on ice); Redhead, 1; Canvas-back, 1; Lesser Scaup, 10; Am. Golden-eye, 2733; Barrow's Golden-eye, 2; Buffle-head, 49; Old-squaw, 1; Hooded Merganser, 2; Am. Merganser, 19; Rough-legged Hawk, 1; Golden Eagle, 1; Bald Eagle, 1; Prairie Falcon, 1; European Partridge, 2; Ring-necked Pheasant, 15; Am. Coot, 13; **Glaucous Gull, 1** (carefully identified); Horned Owl, 1; Red-shafted Flicker, 8; Downy Woodpecker, 3; Horned Lark, 7; Am. Magpie, 111; Black-capped Chickadee, 10; Mountain Chickadee, 3; Townsend's Solitaire, 13; House Sparrow, 50; Gray-crowned Rosy Finch, 45 (including Hepburn's); Common Redpoll, 1; Am. Tree Sparrow, 21; Song Sparrow, 1. **Total,** 37 species (1 additional subspecies); about 4203 individuals. (Seen count period: Am. Robin, Bohemian Waxwing.)—Robin Neil, John Person (compiler), Gorham Swanberg, Jeff Walker, Tom Walker.

457. Helena, Mont. (same area as last 2 years, 7½-mile radius centering on Fire Station of East Helena, including Helena, East Helena, Forestvale Cemetery, Mt. Helena, part of Lake Helena, Stanfield Lake, Cox Lake; residential 10%, coniferous forest 20%, prairie 35%, hardwood trees 25%, lake and stream 10%).—Dec. 29; 6.30 a.m. to 5 p.m. Clear; temp. 21° to 40°; wind calm to 5 m.p.h.; ground bare except at higher elevations, streams running, lakes partially or completely frozen. Six observers in 2 parties. Total party-hours, 10 (3 on foot, 7 by car); total party-miles, 115 (2 on foot, 113 by car). Am. Golden-eye, 1; Marsh Hawk, 2; European Partridge, 9; Ring-necked Pheasant, 30; **Killdeer, 3**; Wilson's Snipe, 1; Horned Owl, 2; Red-shafted Flicker, 5; Downy Woodpecker, 1; Am. Magpie, 127; Black-capped Chickadee, 11; Mountain Chickadee, 10; Townsend's Solitaire, 2; House Sparrow, 76; Am. Tree Sparrow, 17; Song Sparrow, 2. **Total,** 16 species; about 299 individuals. (Seen in area count period: Prairie Falcon.)—Jim Bernet, Charles L. Beveridge (compiler), Pat Goins, Terry Copenhaver, Ted Putra, Sam Samson (Helena Bird Club).

458. Libby, Mont. (approximately same area as 1955; town and lumber yard 33%, river 25%, creeks, ponds and marsh 15%, coniferous woods 15%, fields 10%, mixed woods 2%).—Dec. 27; 8 a.m. to 4:45 p.m. Foggy a.m., cloudy p.m.; temp. 21° to 29°; no wind; trace of snow, ponds and marsh partly frozen, creeks and river nearly free of ice. Three observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 20 (8 on foot, 12 by car). Golden-eye (sp.), 2; Killdeer, 12; Wilson's Snipe, 3; **Mourning Dove, 2**; Belted Kingfisher, 1; Red-shafted Flicker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 1; Gray Jay, 2; Common Raven, 3; Black-capped Chickadee, 6; Mountain Chickadee, 17; Brown Creeper, 1; Am. Dipper, 6; Am. Robin, 1; Golden-crowned Kinglet, 5; Bohemian Waxwing, 212; shrike (sp.), 1; Evening Grosbeak, 17; Pine Grosbeak, 34; Common Redpoll, 85; Song Sparrow, 6; **Snow Bunting, 35. Total,** 23 species; about 458 individuals. (Seen in area count period: Red-breasted Nuthatch, Common Starling, Oregon Junco.)—Charles Clough, Tom Hassing, Thomas Rogers (compiler).

459. Casper, Wyo. (same area as 1948 and subsequent years; North Platte River valley from just east of town to Speas Ranch warm spring on west, including adjacent prairies, cliffs, Casper Mountain; altitude 5100-8000 ft.).—Dec. 30; 7:30 a.m. to 5 p.m. Clear; temp. 45° to 50°; wind SW, up to 40 m.p.h.; prairies bare, 24-in. snow on mountain; our high wind which is usual in winter makes difficult birding. Twenty observers in 7 parties. Total party-hours, 37 (22 on foot, 15 by car); total party-miles. 120 (27 on foot, 88 by car, 5 by ski). Mallard, 5; Am. Golden-eye, 3; Am. Merganser, 1; Rough-legged Hawk, 1; Golden Eagle, 4; Marsh Hawk, 1; Sage

Hen, 8; Ring-necked Pheasant, 4; Killdeer, 2; Wilson's Snipe, 12; Ring-billed Gull, 1; Horned Owl, 1; Red-shafted Flicker, 17; Hairy Woodpecker, 5; Downy Woodpecker, 5; Horned Lark, 10; Gray Jay, 2; Steller's Jay, 7; Am. Magpie, 242; Piñon Jay, 16; Clark's Nutcracker, 15; Black-capped Chickadee, 32; Mountain Chickadee, 41; White-breasted Nuthatch, 4; Brown Creeper, 1; Am. Dipper, 2; Am. Robin, 3; Townsend's Solitaire, 5; Water Pipit, 1; Bohemian Waxwing, 343; Common Starling, 148; House Sparrow, 192; Evening Grosbeak, 76; Pine Grosbeak, 2; Gray-crowned Rosy Finch, 300; Slate-colored Junco, 1; Oregon Junco, 55 (Pink-sided, 21); Am. Tree Sparrow, 87; Harris's Sparrow, 1; Song Sparrow, 4. **Total,** 40 species (1 additional subspecies); about 1660 individuals.—W. H. Berlet, T. H. Brady, L. R. Burkhart, R. R. Burkhart, W. R. Earnshaw, R. E. Eickmann, S. L. Elsman, Sue Gloriod, O. V. Heath, E. Johnson, Mr. and Mrs. J. H. Koerner, Mrs. C. C. Lusby, P. Netterstrom, Mr. and Mrs. L. C. Rognstad, Dr. and Mrs. O. K. Scott (compiler), Helen Sherrard, J. C. Warkley (Wyoming Audubon Society).

460. Cheyenne, Wyo. (7½-mile radius centering from radio station KFBC on east edge of town; city parks and cemeteries 30%, open prairie, deciduous and evergreen trees 20%, prairie roadside 10%, open meadow, reservoirs and creekbottom 40%).—Dec. 22; 8 a.m. to 4:40 p.m. Cloudy; temp. 27° to 31°; wind, NW, 25-30 m.p.h.; trace of snow. Six observers in 4 parties. Total party-hours, 40 (4 on foot, 36 by car); total party-miles, 90 (4 on foot, 86 by car). Rough-legged Hawk, 9; Golden Eagle, 4; Marsh Hawk, 2; Ring-necked Pheasant, 1; Wilson's Snipe, 2; Horned Owl, 1; Red-shafted Flicker, 7; Hairy Woodpecker, 1; Downy Woodpecker, 1; Horned Lark, 80; Am. Magpie, 27; Black-capped Chickadee, 1; Mountain Chickadee, 9; Brown Creeper, 2; Am. Robin, **21**; Townsend's Solitaire, 7; Golden-crowned Kinglet, 3; Bohemian Waxwing, **111**; Gray Shrike, 1; Common Starling, 2; House Sparrow, 175; Red-winged Blackbird, 2; House Finch, 21; Pine Siskin, 12; Slate-colored Junco, 8; Oregon Junco, 30 (22 Pink-sided); White-crowned Sparrow, 3; Song Sparrow, 3. **Total,** 27 species (1 additional subspecies); about 546 individuals. [Chipping Sparrow, 39 listed without details and not underlined as unusual, removed from list—Ed.]—Mrs. R. S. Grier, Robert Hanesworth, Mrs. Robert Hanesworth, Charles H. Snyder, Mrs. Charles H. Snyder (compiler).

461. Rawlins, Wyo. (same area as last year).—Dec. 27; 7:15 a.m. to 5 p.m. Partly cloudy; temp. 26° to 35°; wind WSW, 12 m.p.h.; ground 80% covered with 1-12-in. crusted snow, water frozen except small areas in river. Three observers in 1 party. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 82 (2 on foot, 80 by car). Am. Goldeneye, 2; Rough-legged Hawk, 2; Horned Owl, 1; Red-shafted Flicker, 4; Horned Lark, 480; **Steller's Jay, 1** (here since early Nov.); Am. Magpie, 32; Mountain Chickadee, 3; **Brown Thrasher, 1** (carefully studied at 30 ft.—3 observers); Am. Robin, 7; Townsend's Solitaire, 2; Bohemian Waxwing, 2; Gray Shrike, 3; Common Starling, 2; House Sparrow, 370; Evening Grosbeak, 5; Gray-crowned Rosy Finch, 315. **Total,** 17 species; about 1232 individuals. (In area during period: Golden Eagle, Downy Woodpecker, Black-capped Chickadee.)—Mrs. Walter Lambertsen (compiler), Mrs. Arnold Larson, Mrs. Oswald Seaverson.

462. Boulder, Colo. (same area as 1954).—Dec. 31; 6-15 a.m. to 5:30 p.m. Morning partly cloudy, afternoon clear; temp. 30° to 59°; wind W, 0-10 m.p.h.; lakes mostly frozen except Boulder and Owen's. Six observers in 4 parties. Total party-hours 30 (22 on foot, 8 by car); total party-miles 178 (15 on foot, 163 by car). Great Blue Heron, 1; Mallard, 17,215; Am. Widgeon, 8; Pintail, 24; Sharp-shinned Hawk, 1; Red-tailed Hawk, 6; Golden Eagle, 1; Marsh Hawk, 3; **Pigeon Hawk, 1 (O.T.)**; Sparrow Hawk, 4; Ring-necked Pheasant, 4; Am. Coot, 2; Killdeer, 18; Wilson's Snipe, 2; gull (sp.), 6; Screech Owl, 1; Long-eared Owl, 14; Belted Kingfisher, 1; Red-shafted Flicker, 46; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 6; Steller's Jay, 51; Am. Magpie, 136; Am. Crow, 2; Black-capped Chickadee, 37; Mountain Chickadee, 75; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Pygmy Nuthatch, 25; Brown Creeper, 11; Am. Dipper, 1; Cañon Wren, 3; Am. Robin, 19; Mountain Bluebird, 1; Townsend's Solitaire, 8; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 1; shrike (sp.), 2; Common Starling, 401; House Sparrow, 93; Western Meadowlark, 18; Red-winged Blackbird, 4; Brewer's Blackbird, 1; Evening Grosbeak, 10; House Finch, 116; Am. Goldfinch, 15; Spotted Towhee, 2; White-winged Junco, 11; Slate-colored Junco, 16; Oregon Junco, 476 (2 races); Gray-headed Junco, 60; junco (sp.), 270; Am. Tree Sparrow, 138; White-crowned Sparrow, 4; Song Sparrow, 13. **Total,** 54 species (1 additional subspecies); about 19,396 individuals.—Leslie M. Baylor, Richard G. Beidleman, John N. Hough, Oakleigh Thorne, Donald Van Horn, Olwen Williams (compiler).

463. Colorado Springs, Colo. (same area and coverage as 1953 and subsequent years).—Dec. 30; 7:30 a.m. to 5 p.m. Clear; temp. 43° to 65°; wind W, 0-20 m.p.h.; old snow and ice in canyons, ground clear elsewhere, streams open, ponds and reservoirs mostly frozen. Thirty observers in 13 parties. Total party-hours, 55 (43 on foot, 12 by car); total party-miles, 174 (34 on foot, 140 by car). Mallard, 73; Am. Widgeon, 3; Pintail, 2; Green-winged Teal, 9; **Lesser Scaup, 9; Ruddy Duck, 1**; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 7; Swainson's Hawk, 4; Rough-legged Hawk, 1; Ferruginous Hawk, 1; Golden Eagle, 8; Bald Eagle, 5; Marsh Hawk, 4; Prairie Falcon, 1; Sparrow Hawk, 8; hawk (sp.), 2; quail (sp.), 16; Ring-necked Pheasant, 5; Am. Coot, 2; Killdeer, 10; Wilson's Snipe, 7; Horned Owl, 8; **Yellow-shafted Flicker, 1**; Red-shafted Flicker, 94; Hairy Woodpecker, 17; Downy Woodpecker, 14; Lewis's Woodpecker, 4; Horned Lark, 19; Scrub Jay, 129; **Blue Jay, 3** (regular this fall); Steller's Jay, 372; Am. Magpie, 274; Common Raven, 3; Am. Crow, 101; Clark's Nutcracker, 11;

Black-capped Chickadee, **156**; Mountain Chickadee, 95; Plain Titmouse, 1; Common Bushtit, 92; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 2; Pygmy Nuthatch, 72; Brown Creeper, 22; Am. Dipper, 2; **Rock Wren, 1** (carefully identified—G.S.); Cañon Wren, 2; Am. Robin, 105; Mountain Bluebird, 2; Townsend's Solitaire, 13; Golden-crowned Kinglet, 43; **Water Pipit, 3**; Cedar Waxwing, 3; Gray Shrike, 3; Common Starling, 286; House Sparrow, 460; Western Meadowlark, 100; Red-winged Blackbird, **2614**; Brewer's Blackbird, **523**; **Black-headed Grosbeak,** 3 (carefully identified—Wagner party); Evening Grosbeak, 29; Cassin's Finch, 19; House Finch, 255; Pine Siskin, 94; Am. Goldfinch, 25; Spotted Towhee, 36; Rufous-crowned Sparrow, 4; White-winged Junco, 4; Slate-colored Junco, 50; Oregon Junco, 823 (608 Pink-sided); Gray-headed Junco, 368; Am. Tree Sparrow, 197; White-crowned Sparrow, **409** (Gambel's, 75); White-throated Sparrow, 1; Song Sparrow, 96; Lapland Longspur, 10. **Total,** 76 species (2 additional subspecies); about 8256 individuals. (Seen in area count period: Pigeon Hawk, Mourning Dove, Belted Kingfisher, Yellow-bellied Sapsucker, Piñon Jay.)—Mrs. T. L. Adams, Jacob Baker, Mrs. G. L. Catlett, Robert H. Catlett, Stanley V. Davis, Mrs. Kenneth Ewing, Mrs. Lawrence Field, Larry Field, Mary Alice Hamilton, Mrs. Bertha Klug, Mrs. Dickson Leavens, Mrs. W. M. McRoberts, Mrs. William Noble, Mr. and Mrs. L. J. Pickering, Mrs. Inestine Roberts, Mrs. Frank Sample (compiler), Stella M. Schmittner, Mary Shirer, George Sinton, Mahlon Speers, Robert M. Stabler, Mrs. B. E. Sutton, Mrs. M. M. Thurlow, James H. Turner, Pearl V. Turner, Mrs. H. J. Wagner, Mr. and Mrs. H. J. Weberbauer, Mrs. A. D. Williams (Aiken Ornithological Society).

464. Durango, Colo. (same area as in 1949 and subsequent years).—Dec. 29; 7:30 a.m. to 5:30 p.m. Clear; temp. 15° to 52°; wind less than 1 m.p.h.; patches of snow, ponds and reservoirs frozen, rivers partly frozen. Two observers in 1 party. Total party-hours, 10 (4 on foot, 6 by car); total party-miles, 90 (4 on foot, 86 by car). Great Blue Heron, 1; Mallard, 4; Green-winged Teal, 5; Ring-necked Duck, 2; Am. Golden-eye, 28; **Hooded Merganser, 1** (male at close range); Am. Merganser, 3; Sharp-shinned Hawk, 2; Red-tailed Hawk, 2; Golden Eagle, 1; Bald Eagle, 1; Sparrow Hawk, 2; Killdeer, 2; Red-shafted Flicker, 4; Lewis's Woodpecker, 3; Horned Lark, 57; Scrub Jay, 9; Am. Magpie, 102; Common Raven, 1; Am. Crow, 72; Black-capped Chickadee, 9; Am. Dipper, 9; Am. Robin, 10; Townsend's Solitaire, 17; Common Starling, 35; House Sparrow, 275; Western Meadowlark, 1; Red-winged Blackbird, 43; House Finch, 3; Pine Siskin, 2; Am. Goldfinch, 5; Spotted Towhee, 6; Oregon Junco, 275 (3 Pink-sided); Gray-headed Junco, 29; White-crowned Sparrow, 3. **Total,** 35 species (1 additional subspecies); about 1024 individuals. (Seen count period: Horned Owl.)—Thomas J. Frizell, Oppie Reames (compiler).

465. Fort Collins, Colo. (same area as 1948 and subsequent years).—Dec. 27; 6:45 a.m. to 4:45 p.m. Clear; temp. 30° to 50°; wind NW, 3 m.p.h.; no snow on ground, deeper lakes open. Six observers in 3 parties. Total party-hours, 17 (5 on foot, 12 by car); total party-miles, 115 (6 on foot, 109 by car). Great Blue Heron, 1; Mallard, 803; Am. Widgeon, 1; Pintail, 3; Green-winged Teal, 35; Shoveller, 10; Red-tailed Hawk, 4; Rough-legged Hawk, 5; Marsh Hawk, 5; Sparrow Hawk, 2; Ring-necked Pheasant, 7; Killdeer, 10; Wilson's Snipe, 1; Herring Gull, 1; Horned Owl, 1; Belted Kingfisher, 1; Red-shafted Flicker, 29; Hairy Woodpecker, 4; Downy Woodpecker, 7; Lewis's Woodpecker, 4; Steller's Jay, 6; Am. Magpie, 100; Am. Crow, 5; Black-capped Chickadee, 33; Mountain Chickadee, 14; Pygmy Nuthatch, 6; Brown Creeper, 7; Am. Dipper, 2; Cañon Wren, 4; Rock Wren, 3; Townsend's Solitaire, 2; Gray Shrike, 7; Common Starling, 332; House Sparrow, 82; Western Meadowlark, 91; Red-winged Blackbird, 61; House Finch, 10; Pine Siskin, 107; Am. Goldfinch, 36; Slate-colored Junco, 1; Oregon Junco, 40 (2 races); Gray-headed Junco, 3; Am. Tree Sparrow, 240; White-crowned Sparrow, 59; Song Sparrow, 15. **Total,** 45 species (1 additional subspecies); about 2200 individuals. (Am. Robin, **Mountain Bluebird** seen count period.)—Owen Baldwin, Paul H. Baldwin, John R. Douglass (compiler), Margaret M. Douglass, Joseph G. Hall, John R. Olive.

466. Grand Junction, Colo. (starting at city parks, along Colo. River 10 miles to Fruita, south and west and again north 3 miles, return through side roads).—Dec. 30; 8:30 a.m. to 5 p.m. Clear; temp. 10° to 40°; wind 4-0 m.p.h.; snow and mud underfoot, ice in river. Nine observers in 3 parties. Total party-hours, 65; total party-miles, 282 (all by car). Mallard, 100; Red-tailed Hawk, 1; Ferruginous Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 5; Ring-necked Pheasant, 8; Am. Coot, 1; Red-shafted Flicker, 12; Hairy Woodpecker, 1; Am. Magpie, 35; Black-capped Chickadee, 14; Mountain Chickadee, 1; Brown Creeper, 1; Bewick's Wren, 4; Am. Robin, 12; Mountain Bluebird, 26; Cedar Waxwing, 1; Loggerhead Shrike, 4; Common Starling, 378; House Sparrow, 150; Western Meadowlark, 85; Red-winged Blackbird, 910; Brewer's Blackbird, 14; House Finch, 22; Black Rosy Finch, 2; Pine Siskin, 7; Am. Goldfinch, 20; Slate-colored Junco, **71**; Oregon Junco, 24; Gray-headed Junco, 2; White-crowned Sparrow, 221; Song Sparrow, 2. **Total,** 32 species; about 2139 individuals.—F. S. Carman, Mrs. F. S. Carman (compiler), Mr. and Mrs. Robert Gustafson, Mr. and Mrs. George D. Hooker, Y. William Isachsen, Mr. and Mrs. J. B. Mull.

467. Gunnison, Colo. (Gunnison and Taylor River bottoms, lower Lost Cañon, from near Almont to junction of Gunnison River and Tomichi Creek; Douglas Fir zone 20%, cottonwoods along rivers 40%, pastures and meadows 30%, town 10%).—Dec. 22; 6:50 a.m. to 5:30 p.m. Partly cloudy, 1 light snow flurry; temp. −1° to 24°; wind calm a.m., W, 5 m.p.h. p.m.; 6-18-in. uncrusted snow, streams largely frozen except near warm springs. One observer. Total hours, 10 2/3 (9 on foot, 1 2/3 by car);

total miles, 39 (9 on foot, 30 by car). **Black-crowned Night Heron, 1** (flushed twice); Mallard, 40; Green-winged Teal, 13; Am. Golden-eye, 27; Am. Merganser, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 1; Horned Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Horned Lark, 2; Gray Jay, 1; Am. Magpie, 74; Black-capped Chickadee, 12; Mountain Chickadee, 3; White-breasted Nuthatch, 1; Am. Dipper, 23; Townsend's Solitaire, 4; Bohemian Waxwing, 25; Common Starling, 108; House Sparrow, 2; Gray-crowned Rosy Finch, 100; Brown-capped Rosy Finch, 200; Am. Tree Sparrow, 8; Song Sparrow, 3; **Lapland Longspur, 1** (well seen at feeder 2 days). **Total,** 28 species; about 659 individuals. (Seen in area count period: Golden Eagle, Killdeer, Wilson's Snipe, Red-shafted Flicker, **Bewick's Wren,** Red-winged Blackbird.)—A. Sidney Hyde.

468. Idaho Springs, Colo. (same area and habitats as 1951 and subsequent years).—Dec. 29; 7:15 a.m. to 4:30 p.m. Clear; temp. 5° to 30°; wind W, 0-5 m.p.h.; high ground with 6-in. snow drifted to 2 feet, streams 20% open, still water frozen. Five observers in 2 parties. Total party-hours, 18 (8 on foot, 10 by car); total party-miles, 88 (4 on foot, 84 by car). Golden Eagle, 1; **Pygmy Owl, 1**; Hairy Woodpecker, 2; Downy Woodpecker, 2; Gray Jay, 6; Steller's Jay, 49; Am. Magpie, 17; Common Raven, 2; Clark's Nutcracker, 16; Black-capped Chickadee, 6; Mountain Chickadee, 92; Red-breasted Nuthatch, 1; Brown Creeper, 5; Am. Dipper, 1; Am. Robin, 1; Townsend's Solitaire, 22; Golden-crowned Kinglet, 6; Gray Shrike, 1; House Sparrow, 6; Pine Grosbeak, 1; Gray-crowned Rosy Finch, 26 (4 Hepburn's); Black Rosy Finch, 3; Brown-capped Rosy Finch, 6; rosy finch (sp.), 6; Red Crossbill, 10; White-winged Junco, 11; Slate-colored Junco, 3; Oregon Junco, 12 (8 Pink-sided); Gray-headed Junco, 9; junco (sp.), 15; White-throated Sparrow, 1. **Total,** 29 species (2 additional subspecies); about 340 individuals.—Phyllis Caswell, John L. Chapin (compiler), Sadie Morrison, Cal Royall, Donald Thatcher (Colorado Bird Club).

469. Jefferson County, Colo. (same area and habitats as last year.).—Dec. 23; 6:15 a.m. to 4:30 p.m. Clear; temp. 5° to 40°; wind NW, 5-30 m.p.h.; 2-5-in. snow, streams 80% open, ponds and lakes half open. Seventeen observers in 8 parties. Total party-hours, 66 (34 on foot, 32 by car); total party-miles, 242 (24 on foot, 218 by car). **Red-throated Loon, 1** (carefully identified in good light); Horned Grebe, 1; Pied-billed Grebe, 3; Great Blue Heron, 1; Whistling Swan, 1; Canada Goose, 345; Mallard, 413; Gadwall, 8; Am. Widgeon, 5; Pintail, 16; Green-winged Teal, 140; Wood Duck, 2; Redhead, 1; Ring-necked Duck, 14; Canvas-back, 4; Lesser Scaup, 4; Am. Golden-eye, 15; Buffle-head, 6; Ruddy Duck, 3; Hooded Merganser, 2; Am. Merganser, 201; Goshawk, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 4; Rough-legged Hawk, 4; Golden Eagle, 4; Marsh Hawk, 6; Prairie Falcon, 2; Pigeon Hawk, 1; Sparrow Hawk, 17; Ring-necked Pheasant, 47; Am. Coot, 61; Killdeer, 14; Wilson's Snipe, 22; Herring Gull, 2; Ring-billed Gull, 33; Screech Owl, 1; Horned Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 1; Red-shafted Flicker, 80; Hairy Woodpecker, 7; Downy Woodpecker, 14; Horned Lark, 188; Steller's Jay, 25; Scrub Jay, 27; Am. Magpie, **491**; Am. Crow, 97; Black-capped Chickadee, 84; Mountain Chickadee, 30; **Common Bushtit, 1**; White-breasted Nuthatch, 1; Pygmy Nuthatch, 26; Brown Creeper, 6; Am. Dipper, 4; Long-billed Marsh Wren, 1; Cañon Wren, 8; Rock Wren, 1; Am. Robin, 2; Townsend's Solitaire, 12; Golden-crowned Kinglet, 9; **Bohemian Waxwing, 12;** Gray Shrike, **10;** Loggerhead Shrike, 1; Common Starling, 182; House Sparrow, 241; Western Meadowlark, 200; Red-winged Blackbird, 983; Brewer's Blackbird, 60; Cassin's Finch, 4; House Finch, 57; Brown-capped Rosy Finch, **208**; Pine Siskin, 1; Am. Goldfinch, 92; Spotted Towhee, 4; White-winged Junco, 7; Slate-colored Junco, 29; Oregon Junco, 593 (2 races); Gray-headed Junco, 50; junco (sp.), 366; Am. Tree Sparrow, 299; Harris's Sparrow, 1; White-crowned Sparrow, 93; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 77. **Total,** 86 species (1 additional subspecies); about 6098 individuals.—John L. Chapin (compiler), Larry Crowley, Ruth and Ted DeMent, John Flavin, Robert Glover, Alma Kirkeby, Ferd Kleinschnitz, Leonard Licht, Don McLean, Phyllis McRae, Sadie Morrison, Cal Royall, Ranson Stone, Donald Thatcher, Mr. and Mrs. Parnell White (Colorado Bird Club).

470. Longmont, Colo. (7½-mile radius centering northwest of Longmont at intersection of Hygiene and Hover Roads; farmland and roadsides 66%, lakes and ponds 15%, creekbottoms and seepage ditches 15%, marsh 2%, city, cemetery and parks 2%).—Dec. 26; 6 a.m. to 5 p.m. Clear; temp. 24° to 59°; wind W, 0-5 m.p.h.; ground mostly bare, snow in few sheltered areas, small ponds frozen, some open water in larger lakes, streams open. Five observers in 4 parties. Total party-hours, 34 (8 on foot, 26 by car); total party-miles, 204 (14 on foot, 190 by car). Great Blue Heron, 2; Mallard, 3992; Pintail, 22; Green-winged Teal, 10; Shoveller, 4; Lesser Scaup, 2; Red-tailed Hawk, 4; **Swainson's Hawk, 1**; Rough-legged Hawk, 6; Ferruginous Hawk, 1; Golden Eagle, 4; Bald Eagle, 2; Marsh Hawk, 6; Sparrow Hawk, 12; Ring-necked Pheasant, 33; Am. Coot, 1; Killdeer, 23; Wilson's Snipe, 7; Herring Gull, 1; Mourning Dove, **52**; Short-eared Owl, 2; Belted Kingfisher, 3; Red-shafted Flicker, 75; Downy Woodpecker, 6; Lewis's Woodpecker, 6; Horned Lark, 180; **Blue Jay, 15**; Steller's Jay, 12; Am. Magpie, 201; Am. Crow, 550; Black-capped Chickadee, 37; Mountain Chickadee, 10; White-breasted Nuthatch, 4; Brown Creeper, 1; Am. Dipper, 2; Long-billed Marsh Wren, 1; Am. Robin, 3; **Townsend's Solitaire, 1**; Gray Shrike, 2; Loggerhead Shrike, 2; Common Starling, 1320; House Sparrow, 586; Western Meadowlark, 220; Red-winged Blackbird, 3245; Brewer's Blackbird, 15; **Purple Grackle, 5**; House Finch, 106; Am. Goldfinch, 1; Spotted Towhee, 1; Slate-colored Junco, 24; Oregon Junco, 294; Gray-headed Junco, 4; Am. Tree Sparrow, 505; Harris's Sparrow, 1; White-crowned Spar-

row, 419; Song Sparrow, 84. **Total,** 56 species; about 12,128 individuals. (Seen in area count period: Pied-billed Grebe, Horned Owl.) [Exceptionally neat, carefully prepared count with details for unusual observations—Ed.]—Jay Arnold, Mrs. Carl N. Collister (compiler), Mrs. Fred Fox, Mrs. Nina Stultz, Mrs. John Thielen.

471. **Loveland, Colo.** (same area as 1955).—Dec. 22; 7 a.m. to 4:30 p.m. Cloudy; temp. 30° to 32°; wind N, 10-30 m.p.h.; ground bare, larger bodies of water partly open. Two observers in 1 party. Total party-hours, 9½ (½ on foot, 9 by car); total party-miles, 86 (1 on foot, 85 by car). **Horned Grebe, 1** (carefully studied through 20X telescope); Mallard, 3274; Pintail, 100; **Shoveller, 200** (carefully studied through 20X telescope); Am. Golden-eye, 18; **Barrow's Golden-eye, 1**; Am. Merganser, 12; Rough-legged Hawk, 1; Golden Eagle, 5; **Bald Eagle, 1**; Marsh Hawk, 3; Pigeon Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 7; Am. Coot, 6; Killdeer, 5; Herring Gull, 2; Ring-billed Gull, 1; Red-shafted Flicker, 31; Lewis's Woodpecker, 2; Horned Lark, 46; Steller's Jay, 6; Am. Magpie, 153; Black-capped Chickadee, 4; Mountain Chickadee, 6; Brown Creeper, 1; Am. Dipper, 3; Cañon Wren, 2; Gray Shrike, 2; **Loggerhead Shrike, 1** (carefully identified); Common Starling, 184; House Sparrow, 53; Western Meadowlark, 26; House Finch, 43; Pine Siskin, 5; White-winged Junco, 1; Slate-colored Junco, 6; Oregon Junco, 461 (2 races); Gray-headed Junco, 14; Am. Tree Sparrow, 254; White-crowned Sparrow, 93; Song Sparrow, 7. **Total,** 42 species (1 additional subspecies); about 5044 individuals. (**Gadwall,** Green-winged Teal, Short-eared Owl seen count period.) [Neat, carefully prepared count—Ed.]—John R. Douglass (compiler), Margaret M. Douglass.

472. **Lyons, Colo.** (same area covered since 1947).—Dec. 23; 7:15 a.m. to 4 p.m. Clear; temp. 15° to 28°; wind N, 0-15 m.p.h.; 1-2-in. snow on north slopes, most reservoirs frozen. Five observers in 1-2 parties. Total party-hours, 15 (10 on foot, 5 by car); total party-miles, 72 (10 on foot, 62 by car). Great Blue Heron, 1; Mallard, 4; scaup (sp.), 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Ferruginous Hawk, 1; Golden Eagle, 3; Ring-necked Pheasant, 1; Killdeer, 15; Wilson's Snipe, 14; Mourning Dove, 45 [no details—Ed.]; Belted Kingfisher, 8; **Yellow-shafted Flicker, 1**; Red-shafted Flicker, 45; Hairy Woodpecker, 5; Downy Woodpecker, 8; Horned Lark, 4; Steller's Jay, 45; Am. Magpie, 88; Clark's Nutcracker, 5; Black-capped Chickadee, 35; Mountain Chickadee, 43; White-breasted Nuthatch, 2; Pygmy Nuthatch, 4; Brown Creeper, 11; Am. Dipper, 29; Cañon Wren, 2; Am. Robin, 2; Golden-crowned Kinglet, 3; Gray Shrike, 1; Common Starling, 72; House Sparrow, 42; Western Meadowlark, 33; Brewer's Blackbird, **15**; Cassin's Finch, 77; House Finch, 14; Am. Goldfinch, 12; White-winged Junco, 16; Slate-colored Junco, 11; Oregon Junco, 512; Gray-headed Junco, 6; junco (sp.), 30; Am. Tree Sparrow, 56; White-crowned Sparrow, 45; Song Sparrow, 16. **Total,** 44 species; about 1386 individuals. —Richard G. Beidleman, Hugh E. Kingery (compiler), Donald Van Horn, J. Thomas Van Horn, Olwen Williams.

473. **Monte Vista National Wildlife Refuge, Colo.** (refuge and lands within 5 miles).—Dec. 28; 6 a.m. to 6 p.m. [Clear or snowing?—Ed.]; temp. −2° to 40°; wind W, 3 m.p.h. Two observers in 2 parties. Total party-hours, 24 (4 on foot, 20 by car); total party-miles, 45 (8 on foot, 37 by car). Canada Goose, 150; Mallard, 40,087; Gadwall, 275; Pintail, 300; Green-winged Teal, 86; Am. Golden-eye, 5; Buffle-head, 23; Ruddy Duck, 30; Rough-legged Hawk, 3; Golden Eagle, 7; Bald Eagle, 14; Marsh Hawk, 16; Peregrine Falcon, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 78; Am. Coot, 2; Killdeer, 8; Wilson's Snipe, 16; Mourning Dove, 2; Horned Owl, 8; Belted Kingfisher, 1; Red-shafted Flicker, 1; Horned Lark, 50; Am. Magpie, 304; Am. Crow, 18; Black-capped Chickadee, 12; Brown-capped Chickadee, 15 [no details—Ed.]; House Sparrow, 280; Western Meadowlark, 8; Brewer's Blackbird, 70. **Total,** 30 species; about 41,874 individuals.—Charles R. Bryant (compiler), Robert W. Stegman.

474. **Rocky Mountain National Park, Colo.** (same area as last year).—Dec. 28; 7 a.m. to 5 p.m. Clear; temp. 25° to 48°; wind NW, slight; snow patches at higher elevations, water bodies partly frozen. Four observers in 3 parties. Total party-hours, 18 (12 on foot, 6 by car); total party-miles, 86 (11 on foot, 75 by car). Mallard, 6; Am. Golden-eye, 69; Am. Merganser, 2; Red-tailed Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Steller's Jay, 51; Am. Magpie, 43; Common Raven, 10; Clark's Nutcracker, 9; Black-capped Chickadee, 45; Mountain Chickadee, 129; White-breasted Nuthatch, 12; Pygmy Nuthatch, 43; Brown Creeper, 9; Am. Dipper, 40; Townsend's Solitaire, 15; Golden-crowned Kinglet, 12; Gray Shrike, 3; White-winged Junco, 24; Slate-colored Junco, 2; Oregon Junco, 19; Gray-headed Junco, 2. **Total,** 23 species; about 548 individuals.—Richard G. Beidleman (compiler), John and Margaret Douglass, Norman Herkenham

475. **Bosque del Apache National Wildlife Refuge, N. Mex.** (refuge area between Rio Grande and bluff west of Highway 85, side trip to Willow Springs, Highway 85 to San Antonio, Highway 1 to arroya 3 miles north of San Antonio; impoundments and dikes 65%, irrigated farmland 32%, willow–tamarisk–cottonwood bosque 1%, mesquite–saltbush benches 2%, creosotebush upland 1%).—Dec. 28; 6:30 a.m. to 5:30 p.m. Clear; temp. 8° to 56°; wind S, 12-18 m.p.h.; ground dry, ponds and impoundments frozen, but most drains had running water. Three observers in 3 parties. Total party-hours, 27 (4 on foot, 23 by car); total party-miles, 170 (5 on foot, 165 by car). Pied-billed Grebe, 1; Great Blue Heron, 30; Black-crowned Night Heron, 1; Whistling Swan, 2; Canada Goose, 2420; Snow Goose, 257; Mallard, 1456; Gadwall, 79; Am. Widgeon, 3; Pintail, 302; Green-winged Teal, 31; Shoveller, 19; Ring-necked Duck, 2; Buffle-head, 4; Am. Merganser, 745; Sharp-shinned

Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 16; Rough-legged Hawk, 3; Golden Eagle, 3; Bald Eagle, 2; Marsh Hawk, 10; Peregrine Falcon, 1; Sparrow Hawk, 10; Scaled Quail, 15; Gambel's Quail, 84 (7 coveys); Ring-necked Pheasant, 3; Sandhill Crane, 1084; Am. Coot, 30; Killdeer, 14; Wilson's Snipe, 3; Greater Yellow-legs, 2; Least Sandpiper, 10; Mourning Dove, 16; Road-runner, 11; Horned Owl, 2; Red-shafted Flicker, 33; **Red-headed Woodpecker, 1** (well seen); Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Ladder-backed Woodpecker, 4; Black Phoebe, 1; Say's Phoebe, 4; Horned Lark, 17; Scrub Jay, 4; Verdin, 1; Common Bushtit, 12; Bewick's Wren, 1; Long-billed Marsh Wren, 1; Crissal Thrasher, 1; Am. Robin, 5; Western Bluebird, 30; Mountain Bluebird, 12; Townsend's Solitaire, 4; Ruby-crowned Kinglet, 2; Water Pipit, 68; Loggerhead Shrike, 14; Common Starling, 1072; Audubon's Warbler, 5; House Sparrow, 105; Western Meadowlark, 68; Yellow-headed Blackbird, 2012; Red-winged Blackbird, **40,500**; Brewer's Blackbird, **8000**; Boat-tailed Grackle, 51; House Finch, 28; Pine Siskin, 1; Am. Goldfinch, 26; Spotted Towhee, 1; Brown Towhee, 6; Savannah Sparrow, 25; Black-throated Sparrow, 6; Sage Sparrow, 14; Oregon Junco, 72 (2 races); Gray-headed Junco, 35; White-crowned Sparrow, 763 (2 races); Song Sparrow, 51; **Chestnut-collared Longspur, 985. Total,** 76 species (2 additional subspecies); about 60,719 individuals. (Seen in area count period: Prairie Falcon, Am. Magpie, Vermilion Flycatcher.)—R. H. Hunter, Gordon Bryan Harry, Raymond J. Fleetwood (compiler).

476. Clayton, N. Mex. (area center shifted 4 miles northwest to include Clayton Lake and refuge 12 miles northwest of Clayton and new this year; area now centers 6 miles northwest of Clayton near Rabbit Ear Mt., historic landmark on Santa Fe Trail; town 5%, farming 5%, open prairies 15%, cottonwood-lined creeks, including passage thru Paradise Canyon 50%, Clayton Lake and refuge 25%).—Dec. 28; 6:45 a.m. to 5:15 p.m. Clear; temp. 29° to 59°; wind NNW, 7-20 m.p.h.; still water frozen. Eight observers in 4 parties. Total party-hours, 30 (24 on foot, 4 by car, 2 on horseback); total party-miles, 126 (26 on foot, 94 by car, 6 on horseback). **Great Blue Heron, 1**; Mallard, 109; Gadwall, 1; Green-winged Teal, 1; Red-tailed Hawk, 2; Swainson's Hawk, 2; Rough-legged Hawk, 2; Ferruginous Hawk, 7; Golden Eagle, 7; Marsh Hawk, 8; Prairie Falcon, 4; Sparrow Hawk, 17; Scaled Quail, 451; Killdeer, 1; **Long-billed Curlew, 2**; Mourning Dove, 19; Road-runner, 6; Horned Owl, 3; Red-shafted Flicker, 23; Red-bellied Woodpecker, 1; Downy Woodpecker, 1; Ladder-backed Woodpecker, 13; **Say's Phoebe, 3**; Horned Lark, 367; Am. Magpie, 77; Common Raven, 2; Cañon Wren, 1; Am. Robin, 20; Mountain Bluebird, 23; Townsend's Solitaire, 4; Loggerhead Shrike, 12; Common Starling, 235; House Sparrow, 600; Western Meadowlark, 201; Red-winged Blackbird, 25; House Finch, 10; Pine Siskin, 60; Am. Goldfinch, 5; Lesser Goldfinch, 2; Brown Towhee, 14; Slate-colored Junco, 5; Oregon Junco, 404 (Pink-sided, 325); Gray-headed Junco, 3; White-winged Junco, 1; Am. Tree Sparrow, 39; White-crowned Sparrow, 97; Fox Sparrow, 4; Song Sparrow, 25; Chestnut-collared Longspur, 100. **Total,** 49 species (1 additional subspecies); about 3020 individuals. (Seen in area, count period: Canada Goose, Bald Eagle, Ring-necked Pheasant, Belted Kingfisher, Brown Creeper, Mockingbird, Brown Thrasher, Bewick's Wren.)—W. W. Cook, Doitchin Doitchinoff, G. F. Lewis, Adolf J. Krehbiel (compiler), Phil Krehbiel, P. W. Snoeberger, Elmo Traylor, Tom Wootten.

477. Española, N. Mex. (same area as last year; altitudes 5500-7000 ft.; river bottomland and bosques 75%, sagebrush and grass plains 10%, piñons and junipers 10%, pine foothills 5%).—Dec. 29; 8:30 a.m. to 4:30 p.m. Clear; temp. 30° to 55°; no wind; ponds and ditches mostly frozen, Rio Grande open, some snow at higher elevations. Seven observers in 3 parties. Total party-hours, 56 (25 on foot, 31 by car); total party-miles, 183 (18 on foot, 165 by car). Great Blue Heron, 2; Mallard, 2; Red-tailed Hawk, 2; Marsh Hawk, 4; Prairie Falcon, 1; Sparrow Hawk, 3; Scaled Quail, 33 (2 coveys); Killdeer, 1; Wilson's Snipe, 2; Belted Kingfisher, 5; Red-shafted Flicker, 41; Lewis's Woodpecker, 20; Ladder-backed Woodpecker, 1; Say's Phoebe, 2; Scrub Jay, 4; Am. Magpie, **46**; Common Raven, 27; Am. Crow, **37**; Black-capped Chickadee, 3; Mountain Chickadee, 1; Common Bushtit, 8; Brown Creeper, 2; Am. Robin, 115; Western Bluebird, 1; Townsend's Solitaire, 2; Cedar Waxwing, 8; Common Starling, **35**; House Sparrow, 88; Western Meadowlark, 4; Red-winged Blackbird, 54; Brewer's Blackbird, 2; House Finch, 83; Pine Siskin, 54; Lesser Goldfinch, 45; Spotted Towhee, 1; Brown Towhee, 1; Slate-colored Junco, 1; Oregon Junco, 213 (2 races); Gray-headed Junco, 48; White-crowned Sparrow, 87 (2 races); Song Sparrow, 34. **Total,** 41 species (2 additional subspecies); about 1123 individuals.—Carl W. Bjorklund, Marilyn Bjorklund, Roy Cromer, Kathy Lewis, W. Burton Lewis, Joseph D. Pickard, Patricia R. Snider (compiler).

478. Las Vegas, N. Mex. (15-mile diameter circle centered at Las Vegas).—Dec. 30; 7:15 a.m. to 5:20 p.m. [Clear or rain?—Ed.]; temp. 30° to 61°; no wind. Four observers in 1 party. Total party-hours, 10 (4 on foot, 6 by car); total party-miles, 110 (6 on foot, 104 by car). Canada Goose, 93; Mallard, 125; Gadwall, 3; Am. Widgeon, 247; Pintail, 6; Redhead, 31; Ring-necked Duck, 2; Canvas-back, 5; **Greater Scaup, 1**; Am. Golden-eye, 15; Buffle-head, 2; Ruddy Duck, 2; Hooded Merganser, 3; Red-tailed Hawk, 1; Prairie Falcon, 3; Sparrow Hawk, 4; Am. Coot, 88; Killdeer, 1; Belted Kingfisher, 2; Red-shafted Flicker, 22; Hairy Woodpecker, 1; Downy Woodpecker, 1; Horned Lark, 5; Steller's Jay, 104; Am. Magpie, 50; Common Raven, 9; Am. Crow, 42; Mountain Chickadee, 3; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Pygmy Nuthatch, 8; Brown Creeper, 1; Cañon Wren, 1; Am. Robin, 4; Mountain Bluebird, 1; Common Starling, 109; House Sparrow, 10; Western Meadowlark, 5; Brewer's Blackbird, 7; Evening Grosbeak, 3; House Finch, 29; Oregon Junco, 51

(Pink-sided, 11); Gray-headed Junco, 37 (1 Red-backed); White-crowned Sparrow, 1; Song Sparrow, 5. **Total,** 45 species (2 additional subspecies); about 1146 individuals. (Seen count period: Pigeon Hawk, Western Bluebird, Townsend's Solitaire, Brown Thrasher, Gray Shrike, Spotted Towhee.)—David Schooley, Elmer Schooley (compiler), John Schooley, Gene Mortimer.

479. **Roswell, N. Mex.** (7½-mile radius from Hondo bridge east of Roswell, including Roswell and Bitter Lake National Wildlife Refuge; prairie 64%, irrigated farms 28%, city 4%, riverbottom 2%, lakes and ponds 2%).—Dec. 22; 7 a.m. to 5 p.m. Clear to mostly cloudy; temp. 26° to 54°; wind WNW, average 11 m.p.h. Five observers in 3 parties. Total party-hours, 24 (7 on foot, 17 by car); total party-miles, 117 (7 on foot, 110 by car). Eared Grebe, 22; Pied-billed Grebe, 7; Double-crested Cormorant, 22; Great Blue Heron, 7; Am. Egret, 2; Green Heron, 1; Black-crowned Night Heron, 8; Am. Bittern, 1; Canada Goose, 143; Snow Goose, 20; Mallard, 23,100; Gadwall, 10; Am. Widgeon, 23,178; Pintail, 11,400; Green-winged Teal, 12; Cinnamon Teal, 6; Shoveller, 70; Redhead, 6; Canvas-back, 5730; Lesser-Scaup, 65; Am. Golden-eye, 15; **Barrow's Golden-eye, 8** [unsatisfactory details—Ed.]; Buffle-head, 24; Ruddy Duck, 160; Hooded Merganser, 3; Am. Merganser, 45; Red-breasted Merganser, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 7; Rough-legged Hawk, 3; Golden Eagle, 1; Marsh Hawk, 16; Pigeon Hawk, 2; Sparrow Hawk, 13; Scaled Quail, 57; Ring-necked Pheasant, 2; Sandhill Crane, **35,000**; Am. Coot, 6720; Killdeer, 9; Greater Yellow-legs, 6; Ring-billed Gull, 64; Mourning Dove, 26; Road-runner, 2; Screech Owl, 1; Horned Owl, 6; Burrowing Owl, 3; Belted Kingfisher, 1; Red-shafted Flicker, 18; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 3; Say's Phoebe, 4; Horned Lark, 712; Long-billed Marsh Wren, 2; Mockingbird, 2; **Brown Thrasher, 1** (5 here recently); Am. Robin, 1; **Black-headed Grosbeak, 1** (carefully identified); Western Bluebird, 10; Water Pipit, 1; Loggerhead Shrike, 18; Common Starling, 6700; Audubon's Warbler, 3; House Sparrow, 18,850; Western Meadowlark, 92; Red-winged Blackbird, 3150; Brewer's Blackbird, 700; Boat-tailed Grackle, 228; Brown-headed Cowbird, 7450; **Pyrrhuloxia, 1**; Cassin's Finch, 4; House Finch, 102; Pine Siskin, 1; Am. Goldfinch, 5; Spotted Towhee, 1; Lark Bunting, 555; Savannah Sparrow, 2; Sage Sparrow, 10; Slate-colored Junco, 3; Oregon Junco, 310; Gray-headed Junco, 72; Brewer's Sparrow, 12; White-crowned Sparrow, 1290; Song Sparrow, 8. **Total,** 84 species; about 146,334 individuals. (Seen in area count period: Whistling Swan, White-fronted Goose, Prairie Falcon, Golden-crowned Kinglet.)—Delbert L. Boggs, Robert A. Garrett, Ladd Gordon, Vester Montgomery (compiler), James H. Sikes.

480. **Sante Fe, N. Mex.** (15-mile diameter circle centered at intersection of Vegas Road and St. Michael's Drive, essentially same as previously; urban and suburban 15%, piñon and juniper 40%, pine and spruce 10%, grassland 34%, water surface 1%).—Dec. 29; 6:30 a.m. to 5:30 p.m. Clear; temp. 15° to 55°; wind NE, 15-0 m.p.h.; ground third snow-covered, streams, ponds, reservoirs mostly ice-covered. One observer. Total hours, 11 (7 on foot, 4 by car); total miles, 80 (10 on foot, 70 by car). Am. Golden-eye, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 1; Killdeer, 14; Red-shafted Flicker, 6; Lewis's Woodpecker, 3; Horned Lark, 125; Scrub Jay, 10; Am. Magpie, 1; Common Raven, 68; Piñon Jay, 29; Black-capped Chickadee, 6; Common Bushtit, 20; White-breasted Nuthatch, 2; Am. Robin, 21; Townsend's Solitaire, 8; Water Pipit, 1; Loggerhead Shrike, 2; Common Starling, 110; House Sparrow, 185; Western Meadowlark, 12; Red-winged Blackbird, 750; House Finch, 80; Spotted Towhee, 1; Brown Towhee, 7; Slate-colored Junco, 2; Oregon Junco, 160; Gray-headed Junco, 11; White-crowned Sparrow, 102; **White-throated Sparrow, 1**; Song Sparrow, 7. **Total,** 33 species; about 1750 individuals. (Seen count period: Marsh Hawk, Pigeon Hawk, Chipping Sparrow.)—Leon A. Wiard.

481. **Socorro, N. Mex.** (Highway 85 and dirt road to Pueblito via Escondida, McAlister Lake, returning to Socorro via 85; New Mexico Institute of Mining and Technology campus then to Box Canyon via Highway 60, returning same route; Hope farm returning to Socorro via the riverside dike and sewage plant road; irrigated farmland 70%, river bosque 10%, juniper–oak foothills 5%, pastureland 8%, Mesquite–Creosotebush upland 5%, campus 2%).—Jan. 7; 7:30 a.m. to 4:30 p.m. Cloudy; temp. 27° to 55°; wind S, 5-8 m.p.h.; ground dry, ponds frozen but irrigation drains with running water. Two observers in 1 party. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 45 (2 on foot, 43 by car). Great Blue Heron, 2; Canada Goose, 344; Mallard, 5; Green-winged Teal, 3; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 6; Marsh Hawk, 3; Sparrow Hawk, 13; Scaled Quail, 35 (1 covey); Sandhill Crane, 792; Wilson's Snipe, 3; Mourning Dove, 48; Road-runner, 2; Red-shafted Flicker, 17; Ladder-backed Woodpecker, 3; Say's Phoebe, 7; Horned Lark, 32; Scrub Jay, 4; Common Raven, 2; White-breasted Nuthatch, 1; Long-billed Marsh Wren, 1; **Sage Thrasher, 3**; Am. Robin, 125; Western Bluebird, 75; Mountain Bluebird, 44; Townsend's Solitaire, 6; Water Pipit, 52; Loggerhead Shrike, 8; Common Starling, 1290; House Sparrow, 215; Western Meadowlark, 122; Yellow-headed Blackbird, 645; Red-winged Blackbird, **38,000**; Brewer's Blackbird, 950; Brown-headed Cowbird, 21; **Pyrrhuloxia, 1**; House Finch, 102; Am. Goldfinch, 5; Spotted Towhee, 2; Brown Towhee, 7; Savannah Sparrow, 18; Sage Sparrow, 3; Oregon Junco, 109 (2 races); Gray-headed Junco, 2; White-crowned Sparrow, 548 (2 races); Song Sparrow, 10. **Total,** 47 species (2 additional subspecies); about 43,688 individuals. (Seen in area count period: Yellow-shafted Flicker, Verdin, Lesser Goldfinch.)—Raymond J. Fleetwood (compiler), Mrs. Raymond J. Fleetwood.

482. **Lewiston, Idaho** (7½-mile radius from

Clearwater Dam including an irrigation reservoir and about 18 miles of Snake and Clearwater Rivers; rivers and river margins 50%, brushy streambottoms 30%, rocky bluffs 10%, open fields 10%).—Dec. 30; 7 a.m. to 4:30 p.m. Cloudy and foggy all day; temp. 27° to 37°; wind W to SW, 0-5 m.p.h.; ground clear, small ponds ice-covered, large ponds clear in center. Three observers in 2 parties. Total party-hours, 19 (14 on foot, 5 by car); total party-miles, 134 (13 on foot, 121 by car). Horned Grebe, 1; **Pied-billed Grebe, 1** (carefully identified); Great Blue Heron, 3; Mallard, 2812+; Am. Widgeon, 48; Pintail, 30; Green-winged Teal, 9; Redhead, 2; Canvas-back, 9; Lesser Scaup, 1; Am. Golden-eye, 5; Buffle-head, 1; Hooded Merganser, 8; Am. Merganser, 10; Sharp-shinned Hawk, 1; Marsh Hawk, 3; Pigeon Hawk, 1; Sparrow Hawk, 11; California Quail, 51; Ring-necked Pheasant, 63; Am. Coot, 6; Killdeer, 5; Wilson's Snipe, 1; Mourning Dove, 27; Belted Kingfisher, 2; Red-shafted Flicker, 21; Downy Woodpecker, 2; Am. Magpie, 43; Black-capped Chickadee, 13; Red-breasted Nuthatch, 2; Long-billed Marsh Wren, 2; Am. Robin, 51; Golden-crowned Kinglet, 2; **Ruby-crowned Kinglet, 8** (1 collected); Gray Shrike, 2; Common Starling, 193; House Sparrow, 325+; Western Meadowlark, 31; Red-winged Blackbird, 40; Evening Grosbeak, 1; House Finch, 491; Am. Goldfinch, 23; Spotted Towhee, 1; **Slate-colored Junco, 1** (collected); Oregon Junco, 320+; Am. Tree Sparrow, 6; White-crowned Sparrow, 59; Song Sparrow, 103. **Total,** 48 species; about 4851 individuals.—Thomas D. Burleigh, Jared Verner (compiler), Leif Verner.

483. Moscow, Idaho (7½-mile radius from Moscow, west only to Washington line; open fields with streams supporting willow and low brush 40%, coniferous forest 50%, residential area 10%).—Dec. 27; 6:45 a.m. to 5:15 p.m. Mostly clear; temp. 30° to 47°; wind E to SE, 5-15 m.p.h.; ground snow-free except on timbered north-facing slopes, streams nearly free of ice, ponds ice-covered. Three observers in 2 parties. Total party-hours, 21 (15 on foot, 6 by car); total party-miles, 139 (11 on foot, 128 by car). Mallard, 5; Cooper's Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 1; Ruffed Grouse, 2; European Partridge, 9; California Quail, 14; Ring-necked Pheasant, 2; Killdeer, 13; Wilson's Snipe, 1; Horned Owl, 1; Pygmy Owl, 2; Short-eared Owl, 1; Belted Kingfisher, 1; Red-shafted Flicker, 14; Hairy Woodpecker, 2; Am. Magpie, 33; Black-capped Chickadee, 13; Mountain Chickadee, 1; Red-breasted Nuthatch, 37; Pygmy Nuthatch, 3; Brown Creeper, 4; Am. Robin, 10; **Ruby-crowned Kinglet, 1** (carefully identified); Bohemian Waxwing, 2; Gray Shrike, 2; Common Starling, 250; House Sparrow, 224; Evening Grosbeak, 52; House Finch, 27; Pine Siskin, 1; Am. Goldfinch, 217; Red Crossbill, 61; Slate-colored Junco, 1 (collected); Oregon Junco, 144; Am. Tree Sparrow, 1; Song Sparrow, 14. **Total,** 38 species; about 1171 individuals (Golden-crowned Kinglet seen count period.) [Exceptionally neat, carefully prepared report—Ed.]—Jared Verner (compiler), Leif Verner, G. W. Woodbury, Jr.

484. Nampa, Idaho (7½-mile radius centering on Deer Flat Wildlife Refuge, including Snake River at Marsing, Kurtz and Lakeview Parks, Nampa area; pasture 25%, plow land 50%, town shrubs and trees 5%, deciduous fencerows 10%, deciduous growth 5%, cattail marsh 5%).—Dec. 27; 8 a.m. to 5 p.m. Cloudy; temp. 28° to 34°; wind SW to NE, 4 m.p.h.; ice on lake, no snow. Nine observers in 3 parties. Total party-hours, 72 (12 on foot, 60 by car); total party-miles, 130 (30 on foot, 100 by car). Horned Grebe, 21; Great Blue Heron, 9; Canada Goose, 1212; Snow Goose, 3; Mallard, 175,000; Am. Widgeon, 15,000; Pintail, 1000; Green-winged Teal, 50; Shoveller, 8000; Lesser Scaup, 1000; Am. Golden-eye, 155; Buffle-head, 57; White-winged Scoter, 3; Am. Merganser, 15,012; Red-breasted Merganser, 9; Red-tailed Hawk, 5; Golden Eagle, 1; Marsh Hawk, 29; Pigeon Hawk, 2; Sparrow Hawk, 6; Ring-necked Pheasant, 140; Am. Coot, 200; Killdeer, 2; Wilson's Snipe, 2; Ring-billed Gull, 56; Mourning Dove, 110; Short-eared Owl, 2; Belted Kingfisher, 2; Red-shafted Flicker, 37; Am. Magpie, 348; Am. Crow, 745; Brown Creeper, 3; Am. Robin, 18; **Ruby-crowned Kinglet, 1**; Bohemian Waxwing, 150; Cedar Waxwing, 25; Gray Shrike, 2; Common Starling, 810; House Sparrow, 10,500; Western Meadowlark, 76; Brewer's Blackbird, 21; Evening Grosbeak, 25; House Finch, 6; Common Redpoll, 9; Am. Goldfinch, 21; Slate-colored Junco, 2; Oregon Junco, 358; Gray-headed Junco, 3; White-crowned Sparrow, 537; Song Sparrow, 19. **Total,** 50 species; about 230,805 individuals. (Western Grebe, Black-headed Grosbeak seen count period.) [Barred Owl reported without details and not underlined as unusual deleted from list—Ed.]—Elsie Allan, Wayne Aller, Judy Applegate, Keith Applegate, F. Sheldon Dart, Calvin Dean, Mickey Dean, Mrs. C. C. Hill, Mrs. H. E. Shaw (compiler) (Nampa Bird Club).

485. Rexburg, Idaho (7½-mile radius centering 3½ miles west of Rexburg including Sugar City and Menan Buttes; farmland 60%, sagebrush 25%, river-bottom 12%, towns 3%).—Dec. 31; 7:30 a.m. to 5 p.m. Clear; temp. 8° to 38°; no wind; ground with 12-18-in. snow, ponds frozen, rivers partly open, warm sloughs open. One observer. Total hours, 9½ (4½ on foot, 5 by car); total miles, 93 (5 on foot, 88 by car). Mallard, 610; Am. Golden-eye, 12; Rough-legged Hawk, 3; Pigeon Hawk, 1; Ring-necked Pheasant, 5; **Killdeer, 2**; **Wilson's Snipe, 4**; Horned Owl, 1; Belted Kingfisher, 2; Red-shafted Flicker, 2; Downy Woodpecker, 1; Horned Lark, 15; Am. Magpie, 147; Black-capped Chickadee, 28; Brown Creeper, 2; Am. Robin, 6; Bohemian Waxwing, **200** (arrived early); Gray Shrike, 2; Common Starling, 69; House Sparrow, 389; Red-winged Blackbird, 200; Brewer's Blackbird, 5; Evening Grosbeak, 1; Am. Goldfinch, 59; Oregon Junco, 8; Am. Tree Sparrow, 8; Song Sparrow, 7. **Total,** 27 species; about 1789 individuals.—Donnell Hunter.

486. Bear River Migratory Bird Refuge, Utah (from Refuge Headquarters west along canal road, south and east over dikes to Perry, north following

highway along foothills to Brigham, west through fields and over salt flats, touching points along Bear River, back to headquarters; marsh and ponds 50%, fields and farmlands 25%, open pasture and river banks 25%).—Dec. 26; 9 a.m. to 5 p.m. Clear; temp. 19° to 31°; no wind; ground bare, ponds, marshes and river frozen over. Two observers in 1 party. Total party-hours, 8 (1 on foot, 7 by car); total party-miles, 41 (2 on foot, 39 by car). Pied-billed Grebe, 5; Great Blue Heron, 23; Whistling Swan, 156; Canada Goose, 108; Mallard, 645; Gadwall, 3; Am. Widgeon, 10; Pintail, 109; Green-winged Teal, 258; Redhead, 2; Canvas-back, 7; Am. Golden-eye, 31; Buffle-head, 1; Ruddy Duck, 2; Hooded Merganser, 1; Am. Merganser, 6; Red-breasted Merganser, 23; Goshawk, 1; Rough-legged Hawk, 8; Ferruginous Hawk, 2; Golden Eagle, 13; Bald Eagle, 11; Marsh Hawk, 8; Ring-necked Pheasant, 74; Am. Coot, 16; Wilson's Snipe, 1; Herring Gull, 7; Ring-billed Gull, 41; Red-shafted Flicker, 2; Am. Magpie, 47; Common Raven, 9; Black-capped Chickadee, 9; Long-billed Marsh Wren, 2; Am. Robin, 3; Water Pipit, 26; Common Starling, 217; House Sparrow, 645; Western Meadowlark, 61; Red-winged Blackbird, 51; Brewer's Blackbird, 3; Am. Goldfinch, 160; Oregon Junco, 30; White-crowned Sparrow, 9; Song Sparrow, 8. **Total,** 44 species; about 2854 individuals.—Vanez T. Wilson, Leo T. Young.

487. **Logan, Utah** (7½-mile radius centering on 6th West and Center Sts.; canyons and mountains 20%, towns and farmyards 10%, wet meadows and marshes 20%, riverbottoms 20%, field and farmlands 30%).—Dec. 27; 8:15 a.m. to 4:15 p.m. Foggy and overcast; temp. 7° to 21°; wind E to NE, 2-12 m.p.h.; 1-3-in. crusted snow, vegetation covered with rime, streams and some reservoirs ice-free, sloughs and ditches frozen. Five observers in 2 parties. Total party-hours, 12 (2 on foot, 10 by car); total party-miles, 126 (2 on foot, 124 by car). Pied-billed Grebe, 2; Mallard, 6; Am. Widgeon, 3; Green-winged Teal, 4; Am. Golden-eye, 6; Barrow's Golden-eye, 17; Am. Merganser, 11; Goshawk, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 4; Rough-legged Hawk, 7; Golden Eagle, 2; Marsh Hawk, 5; Prairie Falcon, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 163; Virginia Rail, 1; Killdeer, 5; Wilson's Snipe, 7; Mourning Dove, 1; Belted Kingfisher, 3; Red-shafted Flicker, 14; Hairy Woodpecker, 1; Downy Woodpecker, 3; Horned Lark, 85; Am. Magpie, 182; Am. Crow, 87; Black-capped Chickadee, 15; Brown Creeper, 2; Am. Dipper, 3; Am. Robin, 8; Mountain Bluebird, 1; Townsend's Solitaire, 4; Water Pipit, 1; Bohemian Waxwing, 275; Gray Shrike, 1; Common Starling, 364; House Sparrow, 395; Western Meadowlark, 7; Red-winged Blackbird, 900; Brewer's Blackbird, 80; Evening Grosbeak, 20; House Finch, 2; Am. Goldfinch, 125; Oregon Junco, 37; Am. Tree Sparrow, 7; Song Sparrow, 5; McCown's Longspur, 3 (with Horned Larks, seen clearly on ground and flying at 50 yds. with 20X scope—R.A.R.). **Total,** 48 species; about 2879 individuals.—J. M. Gates, D. R. Mead, E. W. Pfeiffer, R. A. Ryder (compiler), A. W. Stokes (Utah State Agricultural College).

488. **Roosevelt, Utah** (same area as 1950 and subsequent years).—Dec. 27; 8 a.m. to 5 p.m. [Clear, cloudy or snow?—Ed.]; temp. 18° to −8°; no wind; 3-in. snow on ground, water surfaces frozen except spots on river and warm springs. One observer. Total hours, 9 (4 on foot, 5 by car); total miles, 101 (3 on foot, 98 by car). Mallard, 68; Green-winged Teal, 2; Shoveller, 4; Am. Golden-eye, 13; Am. Merganser, 4; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Golden Eagle, 1; Marsh Hawk, 5; Prairie Falcon, 1; Peregrine Falcon, 1; Sparrow Hawk, 3; California Quail, 25; Ring-necked Pheasant, 134; **Virginia Rail, 1**; Killdeer, 2; Wilson's Snipe, 5; Belted Kingfisher, 1; Red-shafted Flicker, 24; Downy Woodpecker, 3; Horned Lark, 134; Am. Magpie, 313; Am. Crow, 11; Black-capped Chickadee, 3; Long-billed Marsh Wren, 6; Am. Robin, 44; Mountain Bluebird, 3; Townsend's Solitaire, 3; Water Pipit, 2; Bohemian Waxwing, 61; **Gray Shrike, 4**; Loggerhead Shrike, 2; Common Starling, 1598; House Sparrow, 801; Western Meadowlark, 26; Red-winged Blackbird, 1496; Brewer's Blackbird, 121; **Common Redpoll, 1** (feeding with Pine Siskins); Pine Siskin, 4; Am. Goldfinch, 104; Spotted Towhee, 3; Slate-colored Junco, 1; Oregon Junco, 232; Am. Tree Sparrow, 178; White-crowned Sparrow, 234; Song Sparrow, 53. **Total,** 46 species; about 5739 individuals.—Merlin L. Killpack.

489. **Imperial National Wildlife Refuge, Ariz.–Calif.** (inside refuge only, from Imperial Dam vicinity to and including Marine Lake area; brushy willow–cottonwood woodlands 5%, open water with cattail-cane edges and barren sandbars 45%, mesquite–arrowweed–tamarisk brush bordering water 45%, desert brush 5%).—Dec. 29; 7 a.m. to 6 p.m. Clear; temp. 45° to 78°; wind NW, 0-8 m.p.h. Three observers in 2 parties. Total party-hours, 11 (6½ on foot, 1 by car, 3½ by boat); total party-miles, 24 (5 on foot, 5 by car, 14 by boat). Eared Grebe, 16; Pied-billed Grebe, 9; Double-crested Cormorant, 3; Great Blue Heron, 19; Am. Egret, 12; Snowy Egret, 19; Black-crowned Night Heron, 5; Am. Bittern, 1; Least Bittern, 1 (winters regularly); Whistling Swan, 31; Canada Goose, 152; Snow Goose, 2; Mallard, 21; Gadwall, 30; Am. Widgeon, 76; Pintail, 30; Green-winged Teal, 137; Shoveller, 36; Redhead, 7; Canvas-back, 37; Buffle-head, 20; Ruddy Duck, 2; Am. Merganser, 169; Red-tailed Hawk, 1; Harris's Hawk, 3; Marsh Hawk, 6; Osprey, 1; Gambel's Quail, 231; Sora, 1; Florida Gallinule, 8; Am. Coot, 7766; Killdeer, 13; Wilson's Snipe, 5; Spotted Sandpiper, 12; Greater Yellow-legs, 2; Least Sandpiper, 40; Long-billed Dowitcher, 91; Ring-billed Gull, 510; Mourning Dove, 1; Belted Kingfisher, 2; Red-shafted Flicker, 5; Gilded Flicker, 1; Gila Woodpecker, 10; Ladder-backed Woodpecker, 3; Black Phoebe, 7; Say's Phoebe, 14; Gray Flycatcher, 1 (winters regularly); Vermilion Flycatcher, 5; Tree Swallow, 346; Verdin, 5; House Wren, 1; Long-billed Marsh Wren, 6; Rock Wren, 1; Mockingbird, 4; Crissal Thrasher, 1; Sage Thrasher, 1; Am. Robin, 11; Mountain Bluebird, 1; Townsend's Solitaire, 1; Black-tailed Gnatcatcher, 4; Ruby-crowned Kinglet, 3; Water Pipit, 17; Phainopepla, 6; Loggerhead Shrike,

7; Orange-crowned Warbler, 3; Audubon's Warbler, 86; Common Yellowthroat, 5; Western Meadowlark, 73; Red-winged Blackbird, 121; House Finch, 9; Abert's Towhee, 20; Sage Sparrow, 2; Oregon Junco, 5; White-crowned Sparrow, 3; Song Sparrow, 8. **Total,** 75 species; about 10,324 individuals. (Seen in area census period: Bald Eagle, Virginia Rail.)—Gale Monson.

490. Phoenix, Ariz. (7½-mile radius from ¼ mile south and ¼ mile east of 91 Ave. and Indian School Rd., including portions of Grand Canal and dry riverbeds of Salt, New and Agua Fria; urban 25%, cottonfields and cropland 24%, grain and pasture 12%, citrus 12%, open water and marshes 2%, dry riverbed and Creosotebush desert 25%).—Dec. 30; 6:30 a.m. to 5:45 p.m. Clear; temp. 39° to 71°; wind SE, 2-3 m.p.h. Twenty-eight observers in 9 parties. Total party-hours, 211 (127 on foot, 84 by car); total party-miles, 648 (76 on foot, 572 by car). Green Heron, 3; Canada Goose, 40; Mallard, 5; Pintail, 441; Green-winged Teal, 40; Shoveller, 88; Ruddy Duck, 1; Turkey Vulture, 35; Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Red-tailed Hawk, 8; Harris's Hawk, 2; Marsh Hawk, 37; Sparrow Hawk, 47; Gambel's Quail, 515; Ring-necked Pheasant, 1; Virginia Rail, 1; Florida Gallinule, 1; Am. Coot, 35; Killdeer, 90; Wilson's Snipe, 28; Greater Yellowlegs, 33; Long-billed Dowitcher, 14; Western Sandpiper, 31; Mourning Dove, 3546; Ground Dove, 8; Inca Dove, 185; Road-runner, 8; Barn Owl, 1; Screech Owl, 2; Horned Owl, 1; Burrowing Owl, 6; Black-chinned Hummingbird, 2; Anna's Hummingbird, 6; Belted Kingfisher, 2; Red-shafted Flicker, 76; Gilded Flicker, 4; Gila Woodpecker, 84; Ladder-backed Woodpecker, 5; Ash-throated Flycatcher, 1; Black Phoebe, 19; Say's Phoebe, 12; Vermilion Flycatcher, 15; Horned Lark, 1250; Verdin, 89; Brown Creeper, 2; House Wren, 3; Bewick's Wren, 4; Cactus Wren, 39; Long-billed Marsh Wren, 14; Rock Wren, 1; Mockingbird, 56; Bendire's Thrasher, 21; Curve-billed Thrasher, 21; Sage Thrasher, 6; Am. Robin, 1357; Hermit Thrush, 2; Western Bluebird, 7; Mountain Bluebird, 66; Blue-gray Gnatcatcher, 11; Black-tailed Gnatcatcher, 2; Ruby-crowned Kinglet, 45; Water Pipit, 1374; Phainopepla, 1; Loggerhead Shrike, 59; Common Starling, 72; Solitary Vireo, 1; Orange-crowned Warbler, 25; **Parula Warbler, 1** (collected); Audubon's Warbler, 523; Black-throated Gray Warbler, 2; Common Yellowthroat, 2; Black-capped Warbler, 1; House Sparrow, 104,158; Eastern Meadowlark, 31; Western Meadowlark, 316; Yellow-headed Blackbird, 19,067; Red-winged Blackbird, 13,047; Brewer's Blackbird, 1009; Boat-tailed Grackle, 5; Brown-headed Cowbird, 864; Cardinal, 15; Lazuli Bunting, 2; **Dickcissel, 4;** House Finch, 948; Pine Siskin, 6; Lesser Goldfinch, 69; Lawrence's Goldfinch, 8; Green-tailed Towhee, 11; Spotted Towhee, 8; Brown Towhee, 2; Abert's Towhee, 85; Lark Bunting, 132; Savannah Sparrow, 12; Vesper Sparrow, 3; Lark Sparrow, 15; Black-throated Sparrow, 44; Sage Sparrow, 182; Oregon Junco, 197; Chipping Sparrow, 1; Brewer's Sparrow, 83; White-crowned Sparrow, 2473; Lincoln's Sparrow, 10; Song Sparrow, 18. **Total,** 104 species (1 additional subspecies); about 153,366 individuals.—Beulah Beal, J. T. Bialac, Mrs. L. M. Bonnewell, Frank Brunk, Ben J. Clark, Lola Culver, Mrs. D. M. Demaree, Mr. and Mrs. Liscum Diven, Robert Duffy, Dr. and Mrs. Hugh Hanson, Mr. and Mrs. B. B. Hawkins, Mrs. John J. Hay, Jane Horswell, Blanche Hoxsie, Marion J. Hunt, Abe S. Margolin (compiler), David R. Margolin, W. H. Patey, Edna Phelps, M. B. Plunkett, J. M. Simpson, Mr. and Mrs. Frederick Stearn, Mrs. J. L. Vogel, James R. Werner (Maricopa Audubon Society).

491. Santa Catalina Mts., Ariz. (same area as previous years, 7½-mile radius centering on south slope near Sabino Canyon; Cottonwood–Mesquite 4%, foothill canyons 14%, ranches and ponds 11%, pine–fir forest 39%, Saguaro desert 32%).—Dec. 26; 7:30 a.m. to 5:30 p.m. Clear; temp. 32° to 67°; wind SE, 25-35 m.p.h.; snow in shade above 5000 ft. Seven observers in 3 parties. Total party-hours, 28 (23 on foot, 5 by car); total party-miles, 103 (12 on foot, 91 by car). Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 9; Gadwall, 4; Green-winged Teal, 2; Shoveller, 2; Ring-necked Duck, 17; Cooper's Hawk, 2; Red-tailed Hawk, 4; Sparrow Hawk, 1; Gambel's Quail, 233; **Turkey, 6**; Am. Coot, 40; Killdeer, 4; Mourning Dove, 49; Road-runner, 8; Barn Owl, 1; Belted Kingfisher, 1; Red-shafted Flicker, 7; Gilded Flicker, 4; Gila Woodpecker, 58; Acorn Woodpecker, 2; Williamson's Sapsucker, 1; Hairy Woodpecker, 1; Ladder-backed Woodpecker, 5; Black Phoebe, 1; Say's Phoebe, 4; Vermilion Flycatcher, 1; Steller's Jay, 37; Scrub Jay, 12; Arizona Jay, 67; Common Raven, 2; White-necked Raven, 2; Mountain Chickadee, 1; Bridled Titmouse, 5; Verdin, 10; Common Bushtit, 2; White-breasted Nuthatch, 3; Pygmy Nuthatch, 9; House Wren, 1; Bewick's Wren, 1; Cactus Wren, 13; Cañon Wren, 5; Rock Wren, 7; Mockingbird, 1; Curve-billed Thrasher, 16; Crissal Thrasher, 1; Sage Thrasher, 1; Am. Robin, 5; Western Bluebird, 13; Mountain Bluebird, 1; Blue-gray Gnatcatcher, 12; Ruby-crowned Kinglet, 8; Phainopepla, 4; Loggerhead Shrike, 2; Audubon's Warbler, 1; House Sparrow, 35; Western Meadowlark, 5; Brewer's Blackbird, 14; Cardinal, 8; Pyrrhuloxia, 7; House Finch, 40; Red Crossbill, 22; Spotted Towhee, 6; Brown Towhee, 53; Rufous-crowned Sparrow, 2; Black-throated Sparrow, 42; Oregon Junco, 54; Gray-headed Junco, 86; Arizona Junco, 79; Chipping Sparrow, 1; Brewer's Sparrow, 6; Black-chinned Sparrow, 2; White-crowned Sparrow, 67; Fox Sparrow, 2; Song Sparrow, 3. **Total,** 76 species (2 additional subspecies); about 1245 individuals. (Seen in area count week: Screech Owl, Yellow-bellied Sapsucker, Arizona Woodpecker.)—G. C. Cannon, Margaret H. Hundley, Lena McBee, G. Olin, Louis A. Stimson, H. T. Tweedie, R. E. Woodard (compiler) (Tucson Audubon Society).

492. Sierra Pinta, Cabeza Prieta Game Range, Ariz. (Yuma County, west side of Sierra Pinta from game range boundary south to 3 miles beyond Heart Tank, and adjacent Tule Desert; washes at foot of mountains with Ironwood, Palo Verde, Catclaw,

Jumping Bean, etc. 75%, open Creosotebush desert 25%).—Dec. 27; 6:30 a.m. to 5 p.m. Clear; temp. 50° to 75°; wind N, 5-20 m.p.h.; area very dry, no measureable rainfall since August, 1955; both Heart and North Pinta Tanks dry, no water whatsoever in area. Two observers in 1 party. Total party-hours, 10½ (8 on foot, 2½ by car); total party-miles, 31 (6 on foot, 25 by car). Sparrow Hawk, 1; Gambel's Quail, 6; Horned Owl, 1; Costa's Hummingbird, 3 (winters regularly); Gila Woodpecker, 3; Ladder-backed Woodpecker, 2; Ash-throated Flycatcher, 4; Say's Phoebe, 2; Verdin, 6; Cactus Wren, 1; Rock Wren, 1; Curve-billed Thrasher, 2; Sage Thrasher, 1; Western Bluebird, 8; Black-tailed Gnatcatcher, 6; Phainopepla, 10; Loggerhead Shrike, 2; Gray Vireo, 2 (winters regularly); House Finch, 1; Black-throated Sparrow, 2; Sage Sparrow, 10. **Total,** 21 species; 74 individuals.—Gale Monson.

493. **Tucson, Ariz.** (same area as previous years, 7½-mile radius centering at Congress St. and Santa Cruz River bridge; cultivated farms 41%, Cottonwood–Mesquite 17%, Saguaro desert 24%, citrus groves and lawns 7%, ranch ponds 5%, dairies 4 %, grassy area 2%).—Dec. 29; 7:30 a.m. to 5:30 p.m. Clear; temp. 26° to 75°; no wind. Seven observers in 3 parties. Total party-hours, 29 (20 on foot, 9 by car); total party-miles, 162 (15 on foot, 147 by car). **Eared Grebe, 2** (carefully identified—M.H., L.A.S.); Great Blue Heron, 1; Green Heron, 1; Mallard, 6; Redhead, 1; Ruddy Duck, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 3; Red-tailed Hawk, 7; Harris's Hawk, 3; Marsh Hawk, 2; Sparrow Hawk, 13; Gambel's Quail, 78; Am. Coot, 1; Killdeer, 47; Wilson's Snipe, 2; Mourning Dove, 200; White-winged Dove, 1; Inca Dove, 44; Road-runner, 5; White-throated Swift, 15; Red-shafted Flicker, 51; Gilded Flicker, 17; Gila Woodpecker, 70; Lewis's Woodpecker, 1; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 10; Black Phoebe, 8; Say's Phoebe, 17; Beardless Flycatcher, 2; Vermilion Flycatcher, 7; Arizona Jay, 1; Common Raven, 2; White-necked Raven, 2; Verdin, 40; House Wren, 4; Bewick's Wren, 4; Cactus Wren, 48; Cañon Wren, 2; Rock Wren, 4; Mockingbird, 18; Bendire's Thrasher, 3; Curve-billed Thrasher, 59; Crissal Thrasher, 4; Sage Thrasher, 1; Am. Robin, 92; Hermit Thrush, 2; Western Bluebird, 3; Mountain Bluebird, 3; Blue-gray Gnatcatcher, 1; Black-tailed Gnatcatcher, 3; Ruby-crowned Kinglet, 9; Water Pipit, 70; Phainopepla, 18; Loggerhead Shrike, 19; Common Starling, 3; Black-throated Gray Warbler, 1; Audubon's Warbler, 44; House Sparrow, 246; Eastern Meadowlark, 5; Western Meadowlark, 210; Yellow-headed Blackbird, 2; Red-winged Blackbird, 250; Brewer's Blackbird, 670; Boat-tailed Grackle, 30; Brown-headed Cowbird, 150; Cardinal, 46; Pyrrhuloxia, 72; House Finch, 292; Spotted Towhee, 1; Brown Towhee, 36; Abert's Towhee, 76; Lark Bunting, 1; Savannah Sparrow, 2; Baird's Sparrow, 2; Vesper Sparrow, 5; Lark Sparrow, 14; Rufous-winged Sparrow, 4; Black-throated Sparrow, 61; Sage Sparrow, 1; Oregon Junco, 154; Gray-headed Junco, 12; Chipping Sparrow, 15; Brewer's Sparrow, 140; White-crowned Sparrow, 842; Song Sparrow, 3. **Total,** 86 species; about 4421 individuals. (Seen in area count period: Belted Kingfisher.)—Margaret Hundley, Mary Jane Nichols, Mr. and Mrs. H. B. Sloan, Ada M. Smith, Louis A. Stimson, R. E. Woodard (compiler) (Tucson Audubon Society).

494. **Reno, Nev.** (15-mile diameter circle centered at Holcomb Lane and South Virginia St., elevations 4400-6000 ft., hot springs to snowline).—Dec. 30; 7:30 a.m. to 4 p.m. High overcast; temp. 8° to 44°; no wind. Two observers in 1 party. Total party-hours, 8½ (2 on foot, 6½ by car); total party-miles, 68. Great Blue Heron, 12; Canada Goose, 320 (7 Lesser); Ross's Goose, 1; Mallard, 980; Gadwall, 11; Am. Widgeon, 420; Pintail, 38; Green-winged Teal, 270; Shoveller, 25; Redhead, 8; Ring-necked Duck, 7; Lesser Scaup, 15; Am. Golden-eye, 2; Ruddy Duck, 7; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 9; Marsh Hawk, 3; Sparrow Hawk, 10; California Quail, 76; Ring-necked Pheasant, 10; Am. Coot, 49; Killdeer, 4; Wilson's Snipe, 2; Ring-billed Gull, 76; Western Gull, 2 [no details—Ed.]; Screech Owl, 1; Belted Kingfisher, 6; Red-shafted Flicker, 11; Yellow-bellied Sapsucker, 1; Steller's Jay, 5; Am. Magpie, 16; Mountain Chickadee, 3; Brown Creeper, 1; Am. Dipper, 1; Bewick's Wren, 1; Am. Robin, 2; Western Bluebird, 2; Mountain Bluebird, 33; Golden-crowned Kinglet, 22; Ruby-crowned Kinglet, 3; Water Pipit, 3; Gray Shrike, 2; Loggerhead Shrike, 1; Common Starling, 275+; Nashville Warbler, 4 [no details—Ed.]; Audubon's Warbler, 7; House Sparrow, 60+; Western Meadowlark, 15; Brewer's Blackbird, 10; Yellow-headed Blackbird, 1 (crippled); Brown-headed Cowbird, 4; Purple Finch, 13; Oregon Junco, 19; White-crowned Sparrow, 6; Golden-crowned Sparrow, 1; Song Sparrow, 3. **Total,** 57 species (1 additional subspecies); about 2898 individuals.—Sally H. Brann, Richard W. Brann (compiler).

495. **Ruby Lake National Wildlife Refuge, Nev.**—Dec. 31; 8:30 a.m. to 4:45 p.m. [Rain or shine?—Ed.]; temp. 10° to 35°; wind SW, 10 m.p.h. One observer. Total hours, 8 (5 on foot, 3 by car); total miles, 20 (2 on foot, 18 by car). Great Blue Heron, 5; Canada Goose, 75; Gadwall, 50; Am. Widgeon, 500; Pintail, 250; Green-winged Teal, 500; Shoveller, 50; Redhead, 150; Canvas-back, 100; Lesser Scaup, 2; Am. Golden-eye, 5; Buffle-head 98; Ruddy Duck, 250; Red-tailed Hawk, 1; Rough-legged Hawk, 2; Golden Eagle, 2; Bald Eagle, 1; Marsh Hawk, 7; Sage Hen, 9; Am. Coot, 1000; Horned Owl, 1; Red-shafted Flicker, 1; Am. Magpie, 39; Common Raven, 33; Clark's Nutcracker, 1; Mountain Chickadee, 2; Am. Robin, 1. **Total,** 27 species; about 3135 individuals.—Lloyd R. Ramelli.

496. **Harper, Wash.** (7½-mile radius centering on Fragaria Road 1 mile west of Banner Road, including Harper, all in Kitsap County, and Vashon Island in King County; open salt water 3%, salt-water shore 58%, farms and open fields 15%, deciduous woods 10%, coniferous 14%).—Dec. 23; 9 a.m. to 5 p.m. Light rain; temp. 45° to 50°; no

wind; ground bare, water open. Six observers in 2 parties. Total party-hours, 15 (8 on foot, 6 by car, 1 by ferry); total party-miles, 87 (8 on foot, 70 by car, 9 by ferry). Common Loon, 3; Red-necked Grebe, 8; Horned Grebe, 24; Western Grebe, 1308; Brandt's Cormorant, 4; Pelagic Cormorant, 4; Great Blue Heron, 1; Am. Widgeon, 667; Greater Scaup, 29; Am. Golden-eye, 77; Buffle-head, 33; White-winged Scoter, 98; Surf Scoter, 68; Ruddy Duck, 165; Red-breasted Merganser, 4; Ring-necked Pheasant, 1; Am. Coot, 123; Killdeer, 34; Western Sandpiper, 5; Glaucous-winged Gull, 62; Herring Gull, 13; Short-billed Gull, 120; Bonaparte's Gull, 6; Common Murre, 7; Pigeon Guillemot, 5; Rhinoceros Auklet, 2; Belted Kingfisher, 3; Red-shafted Flicker, 17; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Northwestern Crow, 74; Black-capped Chickadee, 11; Chestnut-backed Chickadee, 3; Red-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 8; Bewick's Wren, 3; Am. Robin, 1292; Varied Thrush, 15; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 5; Cedar Waxwing, 300; House Sparrow, 15; Red-winged Blackbird, 1; Brewer's Blackbird, 80; Purple Finch, 22; House Finch, 70; Spotted Towhee, 9; Oregon Junco, 204; Golden-crowned Sparrow, 2; Fox Sparrow, 2; Song Sparrow, 36. **Total,** 53 species; about 5059 individuals.—Elsie Boggs, Robert Boggs, Violet E. Cannon (compiler), Walter Hagenstein, Doris Jelliffe, Lincoln Johannsson.

497. Olympia, Wash. (7½-mile radius centering on Lacey, including Nisqually Flats, Capitol Lake, Black Lake, Budd and Eld Inlets, Millersylvania State Park; salt water 20%, fresh water 20%, open fields 10%, fir forest 25%, deciduous forest 25%).—Jan. 1; 7 a.m. to 4:30 p.m. Heavy rain a.m., cloudy p.m.; temp. 40° to 45°; wind SW, 3-5 m.p.h.; ground very wet, visibility poor a.m., ponds and inlets open. Eighteen observers in 7 parties. Total party-hours, 31 (21 on foot, 10 by car); total party-miles, 140 (40 on foot, 100 by car). Common Loon, 3; Red-necked Grebe, 9; Horned Grebe, 277; Eared Grebe, 2; Western Grebe, 102; Pied-billed Grebe, 2; Double-crested Cormorant, 4; Pelagic Cormorant, 2; Great Blue Heron, 18; Green Heron, 1; Snow Goose, 8; Mallard, 95; Am. Widgeon, 1812; Pintail, 363; Green-winged Teal, 3; Canvas-back, 29; Greater Scaup, 90; Lesser Scaup, 40; Am. Golden-eye, 140; Barrow's Golden-eye, 13; Buffle-head, 10; White-winged Scoter, 259; Surf Scoter, 31; Am. Scoter, 1; Ruddy Duck, 87; Am. Merganser, 32; Red-breasted Merganser, 21; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 2; **Swainson's Hawk, 1**; Bald Eagle, 1; Sparrow Hawk, 1; Ruffed Grouse, 1; Am. Coot, 93; Killdeer, 2; Wilson's Snipe, 3; Red-backed Sandpiper, 45; Western Sandpiper, 6520; Glaucous-winged Gull, 612; Herring Gull, 11; California Gull, 40; Ring-billed Gull, 4; Short-billed Gull, 49; Bonaparte's Gull, 60; Marbled Murrelet, 2; **Snowy Owl, 1**; Belted Kingfisher, 3; Red-shafted Flicker, 18; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 5; Steller's Jay, 1; Am. Crow, 251; Northwestern Crow, 3; Black-capped Chickadee, 10; Chestnut-backed Chickadee, 6; Common Bushtit, 13; Red-breasted Nuthatch, 4; Winter Wren, 27; Bewick's Wren, 2; Am. Robin, 24; Varied Thrush, 12; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 6; Audubon's Warbler, 24; House Sparrow, 10; Western Meadowlark, 20; Brewer's Blackbird, 120; Purple Finch, 38; Pine Siskin, 65; Spotted Towhee, 22; Savannah Sparrow, 1; Oregon Junco, 333; Fox Sparrow, 4; Song Sparrow, 81. **Total,** 76 species; about 12,023 individuals. (Seen count period: Screech Owl, Short-eared Owl, Am. Magpie.)—William Bowman, Mrs. Lloyd Corbin, Leo Couch, Mrs. Daniel Cushman, Ruby Egbert, Mrs. Aaron Kanouse, Mrs. Leota Kisor, Mrs. Lucille Kullrich, Frank Lang, Christopher Mathews, Frank Mathews (compiler), Stephen Mathews, Peter McCreary, Margaret McKenny, Mrs. Ann Rogers, Gary Vreeberg, Mr. and Mrs. Charles Williams (Olympia Audubon Society).

498. Orcas, Coon and Yellow Islands, Wash. (Orcas Island to East Sound and Coon and Yellow Islands south of Deer Harbor, all within 15-mile diameter).—Dec. 30; 7:50 a.m. to 4:30 p.m. [Rain or shine?—Ed.]; temp. 34° to 42°; wind S, 5 m.p.h. Seven observers in 5 parties. Total party-hours, 26 (18 on foot, 6 by car, 2 by boat); total party-miles, 36 (5 on foot, 26 by car, 5 by boat). Common Loon, 41; Arctic Loon, 16; Red-necked Grebe, 6; Horned Grebe, 49; Eared Grebe, 75; Western Grebe, 113; Double-crested Cormorant, 31; Brandt's Cormorant, 73; Pelagic Cormorant, 13; Great Blue Heron, 4; Mallard, 6; Am. Widgeon, 65; Greater Scaup, 110; Am. Golden-eye, 52; Buffle-head, 170; Old-squaw, 31; Harlequin Duck, 18; White-winged Scoter, 48; Surf Scoter, 84; Am. Scoter, 8; Hooded Merganser, 2; Am. Merganser, 39; Red-breasted Merganser, 6; Bald Eagle, 3; Ring-necked Pheasant, 4; Pectoral Sandpiper, 2 [no details—Ed.]; Glaucous-winged Gull, 233; Common Murre, 5; Pigeon Guillemot, 6; Marbled Murrelet, 10; Belted Kingfisher, 3; Red-shafted Flicker, 6; Northwestern Crow, 62; Chestnut-backed Chickadee, 51; Winter Wren, 11; Bewick's Wren, 6; Varied Thrush, 13; Golden-crowned Kinglet, 24; House Sparrow, 20; Western Meadowlark, 2; Purple Finch, 10; Pine Siskin, 2; Spotted Towhee, 23; Oregon Junco, 179; White-crowned Sparrow, 1; Fox Sparrow, 15; Song Sparrow, 41. **Total,** 47 species; about 1792 individuals.—Theodore W. Adams, Mrs. Theodore W. Adams (compiler), Mr. and Mrs. Lew Dodd, Carl Moran, Mrs. H. S. Tusler, Mrs. Foster Wheeler.

499. Seattle, Wash. (same area as last year except less coverage inland, more lake front and open salt water west to Restoration Point; woods and brush 10%, lakes and rivers 20%, parks, parkways and residential 20%, marsh 10%, open salt water and salt-water shore 40%).—Dec. 30; 8 a.m. to 10 p.m. Very foggy a.m., drizzle p.m.; temp. 35° to 41°; wind S, 5-15 m.p.h. Forty observers in 20 parties. Total party-hours, 122 (76 on foot, 26 by car, 13 by boat, 7 at feeding stations); total party-miles, 197 (57 on foot, 110 by car, 30 by boat). Common Loon, 3; Arctic

Loon, 8; Red-throated Loon, 5; Red-necked Grebe, 73; Horned Grebe, 407; Eared Grebe, 52; Western Grebe, 1077; Pied-billed Grebe, 17; Double-crested Cormorant, 44; Brandt's Cormorant, 12; Pelagic Cormorant, 28; Great Blue Heron, 29; Canada Goose, 18 (1 Cackling); Mallard, 1334; Gadwall, 21; Am. Widgeon, 1435; Pintail, 36; Green-winged Teal, 120; Shoveller, 243; **Wood Duck, 1**; Ring-necked Duck, 13; Canvas-back, 48; Greater Scaup, 1431; Lesser Scaup, 102; Am. Golden-eye, 674; Buffle-head, 327; Old-squaw, 8; White-winged Scoter, 390; Surf Scoter, 400; Am. Scoter, 52; Ruddy Duck, 561; Hooded Merganser, 8; Am. Merganser, 4; Red-breasted Merganser, 143; Sharp-shinned Hawk, 6; Cooper's Hawk, 2; Marsh Hawk, 1; Pigeon Hawk, 1; California Quail, 26; Ring-necked Pheasant, 9; Am. Coot, 1920; Killdeer, 6; Wilson's Snipe, 8; Red-backed Sandpiper, 40; Sanderling, 35; Glaucous-winged Gull, 7608; Herring Gull, 113; California Gull, 26; Ring-billed Gull, 71; Short-billed Gull, 1313; Bonaparte's Gull, 169; Common Murre, 104; Pigeon Guillemot, 38; Marbled Murrelet, 33; Ancient Murrelet, 106; Rhinoceros Auklet, 1; Band-tailed Pigeon, 35; **Mourning Dove, 1**; Horned Owl, 4; Short-eared Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 93; Downy Woodpecker, 10; Steller's Jay, 11; Am. Crow, 4; Northwestern Crow, 310; Black-capped Chickadee, 163; Chestnut-backed Chickadee, 17; Common Bush-tit, 57; Red-breasted Nuthatch, 8; Brown Creeper, 3; **House Wren, 1** [no details—Ed.]; Winter Wren, 7; Bewick's Wren, 42; Long-billed Marsh Wren, 11; Am. Robin, 1364; Varied Thrush, 128; Hermit Thrush, 1; Townsend's Solitaire, 1; Golden-crowned Kinglet, 43; Ruby-crowned Kinglet, 61; Cedar Waxwing, 543; **Yellow Warbler, 1** [unconvincing details—Ed.]; Myrtle Warbler, 9; Audubon's Warbler, 29; Townsend's Warbler, 17; House Sparrow, 602; Western Meadowlark, 12; Red-winged Blackbird, 130; Brewer's Blackbird, 138; Evening Grosbeak, 1; Purple Finch, 93; House Finch, 52; Pine Siskin, 8; Am. Goldfinch, 38; Spotted Towhee, 88; Slate-colored Junco, 4; Oregon Junco, 546; Am. Tree Sparrow, 1; White-crowned Sparrow, 5; Golden-crowned Sparrow, 8; Fox Sparrow, 24; Song Sparrow, 622. **Total,** 103 species (1 additional subspecies); about 26,112 individuals. (In area count period: Black Brant, European Widgeon, Spotted Sandpiper, Gray Shrike, Snow Bunting.)—Mrs. Hugh Baird, Mr. and Mrs. Ward Beecher, Bob and Elsie Boggs, Violet Cannon, C. H. Channing, Kenneth Clark, Mrs. Charles F. Clise, Mrs. J. I. Colwell, Garrett Eddy, C. D. Fisher, William Goodge, Mr. and Mrs. Frank Guthrie, Walter Hagenstein, Mrs. Neil Haig, Dr. and Mrs. John Holyoke, Doris Jelliffe, Bernice Jennings, Lincoln Johannsson, Earl J. Larrison, Mabel Larrison, Gertrude Lovejoy, Keith McDonald, Ruth Partridge, Glenn and Katherine Privat, Bob and Billie Pyle, Webster Ransom, Frank Richardson, Brian Scheuch, Bertha Schuler, Zella M. Schultz (compiler), Harriet Smith, Ron Taylor, Irene Urquhart, Mrs. Raymond Wright.

500. Spokane, Wash. (same area as previous counts; lawns, parks, and cemeteries 37%, rivers bordered with brush and coniferous woods 52%, irrigated tracts and open fields 11 %).—Dec. 29; 7:30 a.m. to 4 p.m. Foggy all day; temp. 22° to 26°; wind NE, 0-5 m.p.h.; ground bare, trees, shrubs and wires covered with rime ice. Thirty observers in 13 parties. Total party-hours, 106 (58 on foot, 48 by car); total party-miles, 410 (49 on foot, 361 by car). Pied-billed Grebe, 4; Great Blue Heron, 27; Canada Goose, 7; Mallard, 1721; Gadwall, 4; Am. Widgeon, 132; Pintail, 4; Green-winged Teal, 39; Shoveller, 2; Redhead, 2; Ring-necked Duck, 236; Canvas-back, 1; Lesser Scaup, 14; Am. Golden-eye, 201; **Barrow's Golden-eye, 3** (present for month); Buffle-head, 2; Hooded Merganser, 14; Am. Merganser, 11; **Goshawk, 2** (adults well seen); Cooper's Hawk, 1; Red-tailed Hawk, 3; Bald Eagle, 2; Ruffed Grouse, 3; California Quail, 93; Ring-necked Pheasant, 98; Am. Coot, 132; Wilson's Snipe, 1; Herring Gull, 2; Ring-billed Gull, 5; Horned Owl, 2; **Pygmy Owl, 2**; Belted Kingfisher, 7; Red-shafted Flicker, 51; Pileated Woodpecker, 2; Hairy Woodpecker, 5; Downy Woodpecker, 10; Am. Magpie, 163; Am. Crow, 6; Clark's Nutcracker, 3; Black-capped Chickadee, 31; Mountain Chickadee, 30; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 73; Pygmy Nuthatch, 182; Brown Creeper, 1; Am. Dipper, 4; Winter Wren, 1; **Long-billed Marsh Wren, 2** (carefully identified—T.G., G.O.); **Cañon Wren, 2**; Am. Robin, **1187**; Townsend's Solitaire, 3; Golden-crowned Kinglet, 38; **Ruby-crowned Kinglet, 1** (at feeder several weeks); Bohemian Waxwing, **6083**; Cedar Waxwing, 12; Gray Shrike, 3; Common Starling, 1; House Sparrow, 378; Evening Grosbeak, 41; Cassin's Finch, 15; House Finch, 156; Pine Siskin, 20; Am. Goldfinch, 78; Red Crossbill, 3; Slate-colored Junco, 7; Oregon Junco, 478; Song Sparrow, 85. **Total,** 67 species; about 11,988 individuals. (Seen count period: Pigeon Hawk.) [Exceptionally neat, carefully prepared report with excellent details for all unusual observations —Ed.]—James Acton, David Brown, Amelia Burns, Mattie Burke, Mr. and Mrs. Archie Clough, Mr. and Mrs. M. C. Haggin, Warren Hall (compiler), Mrs. Warren Hall, Irene Hunt, Mr. and Mrs. Lynn LaFave, Anne Merager, Mrs. George Morrow, Vee Nealey, George Offutt, Mrs. Maurice Schanks, Mr. and Mrs. Clarence Simpson, Connie Smedley, Mr. and Mrs. Stephen O. Stanley, Mrs. Charles Tietgen, Ted Turner, Jack Turner, Christine Unbewust, Alma Walker, Tom Groh (Spokane Bird Club).

501. Baker, Ore. (7½-mile radius centering 5 miles north of Baker, elevation 3100-3800 ft.; town trees and shrubs 35%, evergreen wooded foothills 20%, cultivated fields, pastures and meadows 25%, woods and shrubs along river 20%).—Dec. 30; 7:30 a.m. to 5 p.m. Partly cloudy; temp. 14° to 34°; wind S to SW, 0-10 m.p.h.; 2-4-in. snow on ground, small streams frozen, ice on edges of Powder River and swift creeks. Six observers in 4 parties. Total party-hours, 32 (17 on foot, 15 by car); total party-miles, 48 (11 on foot, 37 by car). Great Blue Heron, 1; Mallard, 123; **Goshawk, 2**; Marsh Hawk, 3; Ring-necked Pheasant, 2; Killdeer, 7; Belted Kingfisher, 1; Red-shafted Flicker, 5; Hairy Woodpecker, 1; Downy

Woodpecker, 2; Steller's Jay, 13; Am. Magpie, 41; Clark's Nutcracker, 1; Black-capped Chickadee, 19; Mountain Chickadee, 36; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 3; Townsend's Solitaire, 2; Golden-crowned Kinglet, 7; Bohemian Waxwing, 25; Loggerhead Shrike, 1; Common Starling, 1; House Sparrow, 610; House Finch, 2; Am. Goldfinch, 20; Slate-colored Junco, 5; Oregon Junco, 117; Song Sparrow, 3. **Total,** 28 species; about 1054 individuals. [Chipping Sparrow, 24 listed without details and not underlined as unusual deleted from list—Ed.] (Seen count period: Mourning Dove, Brown Creeper.)—Margaret B. Anderson (compiler), Philo H. Anderson, Marion C. Inman, George Schoedinger, Rives Waller, Ann Ward.

502. Eugene, Ore. (15-mile diameter including Fern Ridge Reservoir, Willamette River).—Dec. 30; 7:30 a.m. to 4:30 p.m. Fog a.m., rain to partial clearing p.m.; temp. 36° to 52°; wind variable, 0-20 m.p.h.; no snow on ground. Twenty-one observers in 6 parties. Total party-hours, 46 (32 on foot, 14 by car); total party-miles, 200 (15 on foot, 185 by car). Common Loon, 1; Eared Grebe, 1; Pied-billed Grebe, 3; Great Blue Heron, 6; Canada Goose, 2000; Mallard, 1000; Am. Widgeon, 15; Pintail, 1000; Green-winged Teal, 3; Cinnamon Teal, 4; Shoveller, 4; Ruddy Duck, 6; Am. Merganser, 2; Goshawk, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 4; Red-tailed Hawk, 17; **Swainson's Hawk, 1**; Marsh Hawk, 3; Peregrine Falcon, 1; Sparrow Hawk, 32; Bobwhite, 11; Ring-necked Pheasant, 77; Am. Coot, 56; Killdeer, 1266; Wilson's Snipe, 11; Red-backed Sandpiper, 3; Western Sandpiper, 24; **Glaucous Gull, 1** (carefully identified); Western Gull, 4; Ring-billed Gull, 37; Bonaparte's Gull, 2; Band-tailed Pigeon, 12; Mourning Dove, 7; Short-eared Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-shafted Flicker, 149; Pileated Woodpecker, 1; Acorn Woodpecker, 54; Lewis's Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 5; Steller's Jay, 48; Scrub Jay, 61; Common Raven, 14; Northwestern Crow, 1835; Black-capped Chickadee, 122; Chestnut-backed Chickadee, 8; Common Bushtit, 55; White-breasted Nuthatch, 17; Red-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 13; Bewick's Wren, 12; Am. Robin, 1139; Varied Thrush, 1; Hermit Thrush, 1; Western Bluebird, 29; Golden-crowned Kinglet, 84; Ruby-crowned Kinglet, 35; Water Pipit, 3; Cedar Waxwing, 28; Gray Shrike, 2; Common Starling, 2800; Hutton's Vireo, 1; Myrtle Warbler, 7; Audubon's Warbler, 21; Townsend's Warbler, 1; House Sparrow, 403; Western Meadowlark, 157; Red-winged Blackbird, 181; Brewer's Blackbird, 1594; Purple Finch, 142; House Finch, 46; Pine Siskin, 40; Lesser Goldfinch, 14; Red Crossbill, 20; Spotted Towhee, 79; Slate-colored Junco, 1; Oregon Junco, 2133; White-crowned Sparrow, 85; Golden-crowned Sparrow, 160; **White-throated Sparrow, 1** (at feeder 6 weeks); Fox Sparrow, 12; Lincoln's Sparrow, 15; Song Sparrow, 86. **Total,** 88 species; about 17,345 individuals. (Seen official count period: Whistling Swan, Savannah Sparrow.)—Freda Baker, Bob Bayly, Mrs. Ruth Beacon, Harrison Clarke, Mrs. Harrison Clarke, Lawrence Daggett (compiler), Katherine Dunlop, Richard Flynn, Ronald Flynn, H. V. Johnson, Mrs. Helen Kilpatrick, Shirley Mahar, Margaret Markley, Mrs. Frances Newsome, Ben Pruitt, Hal Pruitt, Harvey Quinby, Mrs. Nora Robertson, Mrs. O. M. Willard, Ray Wiseman, Mrs. Emma Wright.

503. Fort Klamath, Ore. (15-mile diameter circle; open fields 70%, marshland 5%, pine and fir forests 10%, lake and river 13%, residential 2%).—Dec. 3; 7 a.m. to 5 p.m. Broken clouds with light rain; temp. 15° to 43°; no wind; no snow on ground, ponds and lakes frozen, river open. Five observers in 1 party. Total party-hours, 10 (2 on foot, 7 by car, 1 by boat); total party-miles, 80 (4 on foot, 75 by car, 1 by boat). Eared Grebe, 1; Pied-billed Grebe, 5; Great Blue Heron, 1; Mallard, 10; Gadwall, 6; Am. Widgeon, 10; Pintail, 31; Green-winged Teal, 10; Blue-winged Teal, 2; Lesser Scaup, 16; Buffle-head, 29; Ruddy Duck, 30; Red-tailed Hawk, 60; Rough-legged Hawk, **135**; Golden Eagle, 2; Marsh Hawk, 5; Prairie Falcon, 1; California Quail, 1; Sora, 1; Am. Coot, 66; Killdeer, 2; Wilson's Snipe, 3; Horned Owl, 6; **Great Gray Owl, 3**; Belted Kingfisher, 3; Red-shafted Flicker, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 1; Steller's Jay, 6; Am. Magpie, 103; Common Raven, 2; Mountain Chickadee, 5; White-breasted Nuthatch, 1; Am. Dipper, 4; Long-billed Marsh Wren, 6; Golden-crowned Kinglet, 1; Common Starling, 62; House Sparrow, 65; Evening Grosbeak, 200; Cassin's Finch, 125; Red Crossbill, 5; **Total,** 41 species; about 1028 individuals. (Seen count period: Am. Egret, Canada Goose, Canvas-back, Williamson's Sapsucker, Downy Woodpecker, Common Bushtit, Red-breasted Nuthatch, Am. Robin.)—Lyle Brewer, Lenora Evans, May Gray, Anna Strahan (compiler), Gretchen Wilson.

504. Medford–Ashland, Ore. (15-mile diameter circle centering at Talent, including both Medford and Ashland; farm and orchard 40%, oak and brush hillsides 25%, coniferous timber 20%, residential 10%, ponds 5%).—Dec. 27; 7 a.m. to 5 p.m. Cold fog in lower valley to warm sunshine higher; temp. 20° to 60°; no wind; ground bare; observation difficult in 35% of territory because of thick fog. Thirteen observers in 4 parties. Total party-hours, 36 (4 on foot, 32 by car); total party-miles, 193 (13 on foot, 180 by car). Mallard, 36; Am. Widgeon, 6; Wood Duck, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 8; Rough-legged Hawk, 1; Marsh Hawk, 2; Prairie Falcon, 1; Sparrow Hawk, 10; California Quail, 117; Mountain Quail, 15; Ring-necked Pheasant, 15; Am. Coot, 8; Killdeer, 33; Wilson's Snipe, 9; Mourning Dove, 74; Red-shafted Flicker, 44; Acorn Woodpecker, 52; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 4; Steller's Jay, 12; Scrub Jay, 39; **Am. Magpie, 3** (Stevenson party); Am. Crow, 40; Black-capped Chickadee, 6; Plain Titmouse, 5; Common Bushtit, 37; White-breasted Nuthatch, 2; Bewick's Wren, 2; Am. Robin, **15,000**; Hermit Thrush, 1; Western Bluebird, 121; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 22; **Bohemian**

Waxwing, 1 (carefully identified in flock of Cedar Waxwings); Cedar Waxwing, 265; Gray Shrike, 1; Common Starling, 3159; Audubon's Warbler, 31; House Sparrow, 184; Western Meadowlark, 268; Red-winged Blackbird, 60; Brewer's Blackbird, 129; Brown-headed Cowbird, 4; House Finch, 26; Am. Goldfinch, 41; Lesser Goldfinch, 245; Red Crossbill, 39; Spotted Towhee, 15; Brown Towhee, 9; Oregon Junco, 214; White-crowned Sparrow, 18; Golden-crowned Sparrow, 136; Song Sparrow, 16. **Total,** 54 species; about 20,605 individuals. (Seen count period: Red-breasted Nuthatch, Golden-crowned Kinglet, Water Pipit, Slate-colored Junco.)—Mrs. T. N. Billings, Mrs. Howard Bush, A. B. Collett, Maj. Gen. and Mrs. J. H. Hicks, Mrs. Robert Hubbard, Thomas McCamant (compiler), John Reynolds, Mr. and Mrs. Carl Richardson, Fred G. Plocher, Elmo N. Stevenson, Tom Turpin.

505. **Portland, Ore.** (same area as 1938 and subsequent counts; brushy woodlands 25%, lakes, rivers, sloughs 20%, farmlands 25%, residential 30%).—Dec. 30; 8 a.m. to 4 p.m. Light rain; temp. 31° to 42°; wind ESE, 8 m.p.h.; water open, ground clear. Fifty-nine observers in 17 parties. Total party-hours, 122 (62 on foot, 60 by car); total party-miles, 448 (59 on foot, 389 by car). Western Grebe, 3; Pied-billed Grebe, 3; Double-crested Cormorant, 28; Great Blue Heron, 8; Green Heron, 1; Canada Goose, 4; White-fronted Goose, 1; Mallard, 1156; Gadwall, 14; European Widgeon, 1; Am. Widgeon, 1704; Pintail, 211; Green-winged Teal, 73; Shoveller, 61; Wood Duck, 3; Ring-necked Duck, 12; Lesser Scaup, 3; Buffle-head, 19; Ruddy Duck, 18; Hooded Merganser, 3; Am. Merganser, 91; Goshawk, 1; Sharp-shinned Hawk, 2; Red-tailed Hawk, 6; Sparrow Hawk, 20; Ruffed Grouse, 2; Ring-necked Pheasant, 71; Am. Coot, 1412; Killdeer, 144; Wilson's Snipe, 2; Spotted Sandpiper, 1; Red-backed Sandpiper, 7; Glaucous-winged Gull, 10,192; Herring Gull, 501; California Gull, 54; Ring-billed Gull, 14; Short-billed Gull, 952; Horned Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 233; Lewis's Woodpecker, 2; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 28; Steller's Jay, 52; Scrub Jay, 6; Am. Crow, 559; Black-capped Chickadee, 391; Chestnut-backed Chickadee, 80; Common Bushtit, 84; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 4; Brown Creeper, 6; Winter Wren, 7; Bewick's Wren, 22; Am. Robin, 16,589; Varied Thrush, 20; Hermit Thrush, 3; Golden-crowned Kinglet, 31; Ruby-crowned Kinglet, 10; Cedar Waxwing, 60; Common Starling, 4679; Hutton's Vireo, 2; Audubon's Warbler, 70; House Sparrow, 1006; Western Meadowlark, 8; Red-winged Blackbird, 37; Brewer's Blackbird, 1638; Brown-headed Cowbird, 14; Purple Finch, 262; House Finch, 508; Pine Siskin, 95; Am. Goldfinch, 115; Lesser Goldfinch, 100; Red Crossbill, 3; Spotted Towhee, 96; Oregon Junco, 2283; Chipping Sparrow, 2; White-crowned Sparrow, 38; Golden-crowned Sparrow, 185; Fox Sparrow, 16; Song Sparrow, 884. **Total,** 83 species; about 47,046 individuals.—George Alderson, Mrs. S. C. Blakeslee, Lyle Dunsmoore, Robert W. Harris, Fred Huntress, Carl G. Jacobsen, Robert James, Herbert Judd, Roger Kirk, Urban Kubat, Kenneth Lee, Norbert Leupold (compiler), Tom McAllister, Earl Marshall, Mrs. Theo. Millette, Mrs. S. Nicholson, Louis Oberson, Leo Simon.

506. **Angwin, Calif.** (including Howell Mountain, large artificial lake, Pope Valley).—Dec. 27; 7 a.m. to 5 p.m. [Rain or shine?—Ed.]; temp. 32° to 70°; no wind. Eight observers in 2 parties. Total party-hours, 20 (5 on foot, 15 by car); total party-miles, 312 (16 on foot, 296 by car). Red-necked Grebe, 1; Eared Grebe, 15; Western Grebe, 11; Pied-billed Grebe, 20; Double-crested Cormorant, 18; Great Blue Heron, 4; Whistling Swan, 26; Canada Goose, 438; Mallard, 27; Gadwall, 21; Am. Widgeon, 22; Pintail, 28; Green-winged Teal, 10; Shoveller, 6; Wood Duck, 3; Redhead, 2; Ring-necked Duck, 30; Canvasback, 31; Buffle-head, 7; Ruddy Duck, 100; Hooded Merganser, 2; Am. Merganser, 7; Red-breasted Merganser, 1; Turkey Vulture, 1; Cooper's Hawk, 3; Red-tailed Hawk, 4; **Swainson's Hawk, 1**; Sparrow Hawk, 5; California Quail, 35; Ring-necked Pheasant, 5; Am. Coot, 180; Killdeer, 8; Wilson's Snipe, 14; Least Sandpiper, 2; Ring-billed Gull, 8; Mourning Dove, 26; Horned Owl, 2; Burrowing Owl, 1; Belted Kingfisher, 6; Red-shafted Flicker, 15; Pileated Woodpecker, 1; Acorn Woodpecker, 21; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 2; Nuttall's Woodpecker, 2; Black Phoebe, 4; Say's Phoebe, 2; Steller's Jay, 4; Scrub Jay, 12; Am. Crow, 37; Plain Titmouse, 8; Common Bushtit, 20; White-breasted Nuthatch, 4; Wren-tit, 8; Winter Wren, 2; Bewick's Wren, 4; California Thrasher, 1; Am. Robin, 325; Hermit Thrush, 2; Western Bluebird, 26; Ruby-crowned Kinglet, 15; Water Pipit, 35; Cedar Waxwing, 62; Loggerhead Shrike, 1; Hutton's Vireo, 4; Audubon's Warbler, 10; House Sparrow, 25; Western Meadowlark, 63; Red-winged Blackbird, 56; Brewer's Blackbird, 393; Purple Finch, 3; House Finch, 12; Lesser Goldfinch, 40; Spotted Towhee, 13; Brown Towhee, 21; Savannah Sparrow, 4; Lark Sparrow, 32; Oregon Junco, 65; White-crowned Sparrow, 10; Golden-crowned Sparrow, 42; Fox Sparrow, 1; Song Sparrow, 35. **Total,** 83 species (1 additional subspecies); about 2579 individuals.—Mrs. Alice Ackley, Ervil C. Clark, Oren C. Durham (compiler), Donald Hemphill, Mrs. Adelia Howe, Parshall Howe, Arthur Hicks, Mrs. Ruth Wheeler.

507. **Benicia, Calif.** (same area as in 1933 and several subsequent years; along highway between Benicia and Cordelia, these towns 14 miles apart; Benicia waterfront 25%, marsh 25%, open fields 10%, hills 40%).—Dec. 29; 8 a.m. to 5 p.m. Clear, somewhat hazy p.m.; temp. 36° to 46°; wind SE, 1-5 m.p.h. Two observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 32 (7 on foot, 25 by car). Western Grebe, 13; Pied-billed Grebe, 2; Double-crested Cormorant, 2; Great Blue Heron, 2; Am. Egret, 2; Snowy Egret, 1; Whistling Swan, 15; White-fronted Goose, 15; Pintail, 150;

Shoveller, 170; Canvas-back, 28; Lesser Scaup, 3; Am. Golden-eye, 5; Ruddy Duck, 40; Am. Merganser, 3; White-tailed Kite, 1; Red-tailed Hawk, 12; Marsh Hawk, 11; Sparrow Hawk, 35; Florida Gallinule, 1; Am. Coot, 2200; Killdeer, 35; Black-bellied Plover, 210; Wilson's Snipe, 3; Willet, 24; Greater Yellow-legs, 2; Red-backed Sandpiper, 55; Western Sandpiper, 128; Am. Avocet, 52; Western Gull, 500; California Gull, 200; Bonaparte's Gull, 95; Anna's Hummingbird, 3; Red-shafted Flicker, 17; Downy Woodpecker, 2; Black Phoebe, 1; Say's Phoebe, 6; Tree Swallow, 110; Scrub Jay, 40; Northwestern Crow, 2; White-breasted Nuthatch, 1; Bewick's Wren, 2; Mockingbird, 3; Am. Robin, 26; Hermit Thrush, 4; Western Bluebird, 18; Ruby-crowned Kinglet, 10; Water Pipit, 36; Loggerhead Shrike, 42; Audubon's Warbler, 78; House Sparrow, 150; Western Meadowlark, 70; Red-winged Blackbird, 500; Tricolored Blackbird, 3; Brewer's Blackbird, 12,000; House Finch, 210; Am. Goldfinch, 108; Lesser Goldfinch, 12; Spotted Towhee, 11; Savannah Sparrow, 64; Lark Sparrow, 85; Oregon Junco, 40; White-crowned Sparrow, 75; Golden-crowned Sparrow, 27; Song Sparrow, 3. **Total,** 65 species; about 17,774 individuals. (Seen official count period: Black-crowned Night Heron, Long-billed Curlew, Cedar Waxwing.)—Emerson A. Stoner (compiler), Camm Swift.

508. Big Bear Lake, Calif. (same area as previous 13 years; parts of a 15-mile diameter circle centering near Bertha Peak in San Bernardino Mts., 3500-8200 ft. elevation).—Dec. 30; 7:30 a.m. to 5:30 p.m. Clear; temp. 18° to 63°; wind variable, 0-5 m.p.h.; slight traces of snow in higher canyons, lakes almost dry and thinly frozen. Seven observers in 4 parties. Total party-hours, 29 (23 on foot, 6 by car); total party-miles, 78 (13 on foot, 65 by car). Great Blue Heron, 6; Red-tailed Hawk, 2; Bald Eagle, 4; Sparrow Hawk, 1; Am. Coot, 50; Band-tailed Pigeon, 12; Mourning Dove, 2; Road-runner, 1; Red-shafted Flicker, 12; Acorn Woodpecker, 4; Yellow-bellied Sapsucker, 1; Williamson's Sapsucker, 1; Hairy Woodpecker, 7; Ladder-backed Woodpecker, 2; White-headed Woodpecker, 8; Empidonax Flycatcher (probably Gray), 1; Horned Lark, 75; Steller's Jay, 57; Scrub Jay, 6; Common Raven, 1; Piñon Jay, 11; Clark's Nutcracker, 8; Mountain Chickadee, 84; Common Bushtit, 61; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 5; Pygmy Nuthatch, 91; Brown Creeper, 2; Rock Wren, 1; **LeConte's Thrasher, 1** (carefully identified—Stultz); Am. Robin, 27; Western Bluebird, 22; Townsend's Solitaire, 24; Ruby-crowned Kinglet, 20; Loggerhead Shrike, 1; Audubon's Warbler, 18; House Sparrow, 38; Western Meadowlark, 2; Evening Grosbeak, 36; Purple Finch, 12; Cassin's Finch, 6; House Finch, 90; Am. Goldfinch, 2; Red Crossbill, 9; Brown Towhee, 6; Sage Sparrow, 4; Slate-colored Junco, 1 (carefully identified —L.B. party); Oregon Junco, 154; White-crowned Sparrow, 118; Fox Sparrow, 3; Song Sparrow, 1. **Total,** 51 species; about 1129 individuals.—Leo R. Best (compiler), Louise R. Best, David E. Morton, Mildred Smith, Alma Stultz, O. M. Stultz, Mrs. Glenn Vaughn.

509. Chico, Calif. (area extending along Big Chico Creek from Sacramento River to 12 miles upstream, and including semicircular area outlined by 6-mile radius from Chico).—Dec. 29; 7:15 a.m. to 4:45 p.m. Clear; temp. 33° to 70°; wind light; one of longest dry fall periods in history of area. Twenty-one observers in 3 parties. Total party-hours, 24 (16 on foot, 8 by car); total party-miles, 80 (7 on foot, 73 by car). Pied-billed Grebe, 1; Great Blue Heron, 2; Am. Egret, 2; Snow Goose, 85; goose (sp.), 1431; Mallard, 6; Wood Duck, 3; Am. Golden-eye, 1; Turkey Vulture, 22; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 30; California Quail, 15; Ring-necked Pheasant, 2; Killdeer, 62; Mourning Dove, 22; Horned Owl, 1; Belted Kingfisher, 2; Red-shafted Flicker, 113; Acorn Woodpecker, 167; Yellow-bellied Sapsucker, 10; Hairy Woodpecker, 2; Downy Woodpecker, 1; Nuttall's Woodpecker, 11; Black Phoebe, 16; Scrub Jay, 106; Yellow-billed Magpie, 77; Am. Crow, 46; Plain Titmouse, 66; Common Bushtit, 75; White-breasted Nuthatch, 23; Wren-tit, 2; Bewick's Wren, 6; Rock Wren, 1; Mockingbird, 1; Am. Robin, **589**; Hermit Thrush, 8; Western Bluebird, 32; Ruby-crowned Kinglet, 59; Water Pipit, **85**; Cedar Waxwing, 61; Loggerhead Shrike, 9; **Common Starling, 216**; Orange-crowned Warbler, 6; Audubon's Warbler, 70; House Sparrow, 43; Western Meadowlark, **326**; Red-winged Blackbird, 41; Brewer's Blackbird, **2225**; Bronzed Cowbird, 4; Purple Finch, 4; House Finch, 28; Am. Goldfinch, 58; Lesser Goldfinch, 310; Spotted Towhee, 33; Brown Towhee, 24; Savannah Sparrow, 62; Lark Sparrow, **181**; Oregon Junco, 127; White-crowned Sparrow, 309; Golden-crowned Sparrow, 70; Song Sparrow, 4. **Total,** 64 species; about 7410 individuals.—Dorothy Armstrong, James Balch, Mrs. Tom Balch, Tom Balch, Linda Beard, D. M. Curtis, Vee Curtis, Skipper Dougherty, James Ferrell, Mrs. James Ferrell, Frances Fotheringhame, Susan M. Kendall, Mary Eva Kerling, Clifford Roberts, Mrs. Paul Roberts, Tom Rodgers (compiler), Laura Schuhart, Mrs. J. Thomasberger, Mrs. Mary Yearian, Mr. Yearian, Yvonne Yearian.

510. China Lake, Calif. (eastern Kern County including housing area, settling ponds, Grapevine Canyon; residential 30%, sewage plant ponds 30%, open creosote desert 8%, irrigated fields 7%, willow-sage riparian 25%).—Dec. 29; 7:30 a.m. to 5 p.m. Clear to thin overcast; temp. 28° to 72°; wind variable, 0-3 m.p.h.; no rain past 3 months, streams nearly dry. Nine observers in 3 parties. Total party-hours, 20 (14 on foot, 6 by car); total party-miles, 62 (6 on foot, 56 by car). Mallard, 20; Green-winged Teal, 15; Shoveller, 3; buteo (sp.), 1; Golden Eagle, 2; Marsh Hawk, 2; Prairie Falcon, 1; Sparrow Hawk, 4; California Quail, 1; Gambel's Quail, 125; Am. Coot, 21; Killdeer, 7; Least Sandpiper, 3; Road-runner, 3; Red-shafted Flicker, 9; Yellow-bellied Sapsucker, 1; Black Phoebe, 3; Say's Phoebe, 6; Horned Lark, 350; Scrub Jay, 1; Common Raven, 50; Bewick's Wren, 1; Long-billed Marsh Wren, 6; Rock Wren, 5; Mockingbird, 4; Leconte's

Thrasher, 2; Sage Thrasher, 1; Am. Robin, 18; Mountain Bluebird, 13; Loggerhead Shrike, 7; Common Starling, 60; Audubon's Warbler, 5; House Sparrow, 40; Western Meadowlark, 22; Red-winged Blackbird, 180; Brewer's Blackbird, 330; House Finch, 50; Brown Towhee, 6; Savannah Sparrow, 15; Sage Sparrow, 45; Oregon Junco, 12; White-crowned Sparrow, 175; Golden-crowned Sparrow, 4; Song Sparrow, 14. **Total,** 44 species; about 1643 individuals.—Lloyd W. Brubaker, Carl A. Heller, Ronald A. Henry, Katy Henry, Tom Lipp, Helen S. McCandlish, Lorraine Miles, Donald W. Moore (compiler), Wanda W. Shomate (China Lake Natural Science Club).

511. **Contra Costa County, Calif.** (7½-mile radius centering on Treat Road and Clayton Blvd., including East Contra Costa Jr. College, Briones Hills, Tile Valley, Pleasant Hill, Hookston Road, sewer farm, Martinez suburbs).—Dec. 23; 7:15 a.m. to 5 p.m. Clear; temp. 24° to 60°; no wind. Twenty observers in 6 parties. Total party-hours, 48 (17 on foot, 31 by car); total party-miles, 323 (19 on foot, 304 by car). Pied-billed Grebe, 34; Great Blue Heron, 3; Am. Egret, 15; Snowy Egret, 3; Green Heron, 2; Am. Bittern, 2; Canada Goose, 28; Mallard, 3; Am. Widgeon, 108; Pintail, 1505; Shoveller, 501; Ring-necked Duck, 3; Canvas-back, 6; Ruddy Duck, 43; Am. Merganser, 1; ducks (sp.), 1000; White-tailed Kite, 5; Cooper's Hawk, 1; Red-tailed Hawk, 33; Marsh Hawk, 14; Sparrow Hawk, 70; California Quail, 126; Ring-necked Pheasant, 10; Florida Gallinule, 10; Am. Coot, 325; Killdeer, 69; Black-bellied Plover, 1; Wilson's Snipe, 58; Long-billed Curlew, 46; Greater Yellow-legs, 7; Least Sandpiper, 25; Red-backed Sandpiper, 200; Dowitcher, 30; Western Sandpiper, 25; sandpipers (sp.), 20; Glaucous-winged Gull, 31; California Gull, 1; Ring-billed Gull, 690; Bonaparte's Gull, 8; gull (sp.), 300; Band-tailed Pigeon, 8; Mourning Dove, 73; Horned Owl, 1; Burrowing Owl, 8; Anna's Hummingbird, 5; Belted Kingfisher, 4; Red-shafted Flicker, 122; Acorn Woodpecker, 59; Lewis's Woodpecker, 4; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 6; Nuttall's Woodpecker, 11; Black Phoebe, 11; Say's Phoebe, 7; **Empidonax Flycatcher** (probably Western), 1; Horned Lark, 35; Steller's Jay, 5; Scrub Jay, 153; Am. Crow, 2; Plain Titmouse, 54; Common Bushtit, 97; White-breasted Nuthatch, 21; Wren-tit, 3; Bewick's Wren, 5; Long-billed Marsh Wren, 3; Rock Wren, 3; Mockingbird, 51; California Thrasher, 3; Am. Robin, 549; Hermit Thrush, 6; Western Bluebird, 23; Ruby-crowned Kinglet, 35; Water Pipit, 415; Cedar Waxwing, 21; Loggerhead Shrike, 70; Common Starling, 274; Myrtle Warbler, 3; Audubon's Warbler, 115; House Sparrow, 439; Western Meadowlark, 665; Red-winged Blackbird, 268; Tricolored Blackbird, **301**; Brewer's Blackbird, **15,502**; Brown-headed Cowbird, 5; Purple Finch, 10; House Finch, 630; Pine Siskin, 8; Am. Goldfinch, 36; Lesser Goldfinch, 307; Spotted Towhee, 31; Brown Towhee, 72; Savannah Sparrow, 235; Lark Sparrow, 172; **Slate-colored Junco, 1** (carefully identified); Oregon Junco, 318; White-crowned Sparrow, 1185; Golden-crowned Sparrow, 75; Fox Sparrow, 4; Lincoln's Sparrow, 2; Song Sparrow, 126. **Total,** 98 species; about 28,029 individuals. (Seen count period: Lesser Yellow-legs, Barn Owl, Screech Owl.) [Yellow-throated Warbler, 3 reported without details and not underlined as unusual, removed from list—Ed.]—Bill and Olive Adams, Harry and Betty Adamson, John Bruce, Robert Cornelius, Dorothy Couden, Harry Couden (compiler), Isabelle McGeehon, Elizabeth O'Meara, Paul Opler, George and Murial Schad, Lee, Jean and Richard Stallcup, Peter Veitch, Norma Warner, Bev Wilder, Irwin Woldman.

512. **Crystal Springs Reservoir, Calif.** (7½-mile radius in San Mateo County, including South San Francisco Bay in vicinity of Belmont Slough and San Mateo Bridge, Crystal Springs Valley and Lakes, northern Santa Cruz Mts., Pacific Ocean at Half Moon Bay; open salt water of bay and ocean 15%, tidal salt marsh 10%, exposed mud flats 5%, lawns and shrubbery 10%, fresh-water lakes 10%, chaparral-covered hillsides 15%, farm and grazing land 15%, forested canyons and ridges 10%, ocean beach 10%).—Dec. 29; 6 a.m. to 8 p.m. Clear but smoggy; temp. 55° to 70°; no wind. Sixteen observers in 4 parties. Total party-hours, 30 (10 on foot, 16 by car, 4 by boat); total party-miles, 95 (4 on foot, 85 by car, 6 by boat). Common Loon, 1; Red-throated Loon, 5; Red-necked Grebe, 3; Horned Grebe, 25; Eared Grebe, 2; Western Grebe, 135; Pied-billed Grebe, 38; White Pelican, 36; Double-crested Cormorant, 44; Brandt's Cormorant, 14; Pelagic Cormorant, 6; Great Blue Heron, 26; Am. Egret, 31; Snowy Egret, 1; Black-crowned Night Heron, 9; Canada Goose, 321; Mallard, 47; Gadwall, 11; Am. Widgeon, 355; Pintail, 2004; Shoveller, 17,015; Ring-necked Duck, 7; Lesser Scaup, 45; Am. Golden-eye, 2; Buffle-head, 14; White-winged Scoter, 3; Surf Scoter, 12; Ruddy Duck, 110; Red-breasted Merganser, 7; Turkey Vulture, 11; White-tailed Kite, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 15; Marsh Hawk, 7; Peregrine Falcon, 1; Sparrow Hawk, 29; California Quail, 26; Clapper Rail, 1; Am. Coot, 3508; Ringed Plover, 5; Killdeer, **207**; Black-bellied Plover, 1; Wilson's Snipe, 1; Long-billed Curlew, 85; Hudsonian Curlew, 4; Willet, 611; Red Knot, 27; Baird's Sandpiper, 43 [no details, not even underlined as unusual—Ed.]; Least Sandpiper, 180; Red-backed Sandpiper, 1653; Western Sandpiper, 53; Marbled Godwit, 4; Sanderling, 75; Am. Avocet, 47; Glaucous-winged Gull, 142; Western Gull, 1; Herring Gull, 4485; California Gull, 100; Ring-billed Gull, 1885; Short-billed Gull, 4; Bonaparte's Gull, 18; Mourning Dove, 2; Barn Owl, 1; Long-eared Owl, 1; Short-eared Owl, 1; Anna's Hummingbird, 7; Belted Kingfisher, 1; Red-shafted Flicker, 16; Acorn Woodpecker, 29; Black Phoebe, 3; Western Wood Pewee, 2 [no details, not even underlined as unusual—Ed.]; Horned Lark, 1; Steller's Jay, 1; Scrub Jay, 84; Chestnut-backed Chickadee, 32; Plain Titmouse, 15; Common Bushtit, 53; White-breasted Nuthatch, 5; Wren-tit, 21; House Wren, 1; Winter Wren, 1; Bewick's Wren, 3; Mockingbird, 10; California Thrasher, 1; Am. Robin, 350; Varied Thrush,

2; Hermit Thrush, 2; Ruby-crowned Kinglet, 3; Water Pipit, 4; Cedar Waxwing, 165; Loggerhead Shrike, 3; Audubon's Warbler, 22; House Sparrow, 108; Western Meadowlark, 60; Red-winged Blackbird, 240; Tricolored Blackbird, 60; Brewer's Blackbird, 625; Purple Finch, 10; House Finch, 650; Lesser Goldfinch, 125; Spotted Towhee, 17; Brown Towhee, 100; Savannah Sparrow, 69; Oregon Junco, 18; White-crowned Sparrow, 225; Golden-crowned Sparrow, 175; Fox Sparrow, 5; Song Sparrow, 27. **Total,** 109 species; about 36,919 individuals.—Arthur J. Bennett, Mrs. Aveline Butler, B. Neil Dickinson, Joe Dickinson, Mrs. Oleta Dickinson (compiler), Mrs. Elizabeth Evans, Donald H. Fry, Jr., Michael Fry, Mrs. Georgiana Larsen, Jim Larsen, John Larson, Mrs. Dorothy Lilly, J. Ed. McClellan, Vernon Nellis, John Pantages, Mrs. Winona Sears (Sequoia Audubon Society).

513. Escondido, Calif. (same area as previous years; fresh-water lakes 50%, wooded area 20%, chaparral 20%, open fields 10%).—Dec. 30; 6:30 a.m. to 5 p.m. Clear; temp. 48° to 75°; wind variable, 3-10 m.p.h.; extremely dry conditions. One observer. Total party-hours, 10½ (4½ on foot, 6 by car); total party-miles, 80 (6 on foot, 74 by car). Horned Grebe, 8; Western Grebe, 4; Pied-billed Grebe, 18; Double-crested Cormorant, 72; Great Blue Heron, 10; Am. Egret, 2; Black-crowned Night Heron, 6; **Whistling Swan, 6**; Mallard, 14; Am. Widgeon, 2; Pintail, 734; Green-winged Teal, 56; Cinnamon Teal, 4; Shoveller, 532; Redhead, 2; Canvas-back, 13; Lesser Scaup, 49; Buffle-head, 4; Ruddy Duck, 167; Red-breasted Merganser, 26; Sharp-shinned Hawk, 3; Red-tailed Hawk, 7; Golden Eagle, 1; Marsh Hawk, 1; Sparrow Hawk, 16; California Quail, 16; Am. Coot, 145; Killdeer, 40; Willet, 6; Dowitcher, 7; Ring-billed Gull, 35; Mourning Dove, 31; Roadrunner, 4; Barn Owl, 1; Anna's Hummingbird, 2; Red-shafted Flicker, 4; Acorn Woodpecker, 5; Nuttall's Woodpecker, 2; Western Kingbird, 1; Black Phoebe, 9; Say's Phoebe, 13; Horned Lark, 223; Scrub Jay, 3; Common Bushtit, 16; Wren-tit, **88**; House Wren, 1; Cañon Wren, 2; Mockingbird, 5; California Thrasher, 2; Am. Robin, 49; Hermit Thrush, 16; Western Bluebird, 18; Mountain Bluebird, 16; Cedar Waxwing, 256; Loggerhead Shrike, 8; Audubon's Warbler, 63; Common Yellowthroat, 2; House Sparrow, 19; Western Meadowlark, 37; Brewer's Blackbird, 162; House Finch, 102; Lesser Goldfinch, 2; Spotted Towhee, 14; Brown Towhee, 54; Savannah Sparrow, 35; Lark Sparrow, 17; Rufous-crowned Sparrow, 3; Oregon Junco, 18; Chipping Sparrow, 2; White-crowned Sparrow, 172; Golden-crowned Sparrow, 3; Fox Sparrow, 7; Song Sparrow, 19. **Total,** 73 species; about 3512 individuals.—Fred N. Gallup.

514. Fresno, Calif. (same area since 1943; 5-mile diameter centering at Lane's Bridge on San Joaquin River 10 miles north of Fresno; open plains, river-bottom, thickets along both sides of river, narrow pond, lake).—Jan. 1; 8:30 a.m. to 4:30 p.m. Overcast; temp. 35° to 50°; wind N, 5-7 m.p.h. Three observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 26 (8 on foot, 18 by car). Pied-billed Grebe, 3; Great Blue Heron, 8; Am. Egret, 1; Green Heron, 1; Canada Goose, 5000+; White-fronted Goose, 110; Snow Goose, 38; Mallard, 11; Pintail, 8; Ring-necked Duck, 8; Ruddy Duck, 152; Sharp-shinned Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Sparrow Hawk, 40; California Quail, 157; Florida Gallinule, 1; Am. Coot, 80; Killdeer, 5; Greater Yellow-legs, 2; Mourning Dove, 17; Horned Owl, 1; Red-shafted Flicker, 35; Acorn Woodpecker, 24; Downy Woodpecker, 2; Nuttall's Woodpecker, 1; Black Phoebe, 6; Say's Phoebe, 1; Horned Lark, 100+; Scrub Jay, 65; Am. Crow, 9; Plain Titmouse, 3; Common Bushtit, 65; House Wren, 1; Bewick's Wren, 10; Rock Wren, 2; Mockingbird, 11; Mountain Bluebird, 4; Ruby-crowned Kinglet, 38; Water Pipit, 500+; Cedar Waxwing, 1; Phainopepla, 5; Loggerhead Shrike, 16; Common Starling, 10; Orange-crowned Warbler, 1; **Black-throated Gray Warbler, 1** (carefully identified); Audubon's Warbler, 5; Western Meadowlark, 162; Brewer's Blackbird, 150; Brown-headed Cowbird, 2; House Finch, 285; Am. Goldfinch, 220; Lesser Goldfinch, 2; Spotted Towhee, 14; Brown Towhee, 3; Savannah Sparrow, 5; Lark Sparrow, 57; Oregon Junco, 200+; White-crowned Sparrow, 550; Golden-crowned Sparrow, 22; Fox Sparrow, 1; Lincoln's Sparrow, 15; Song Sparrow, 15. **Total,** 63 species; about 8268 individuals.—Richard S. Paulson, Mrs. Richard S. Paulson (compiler), Mrs. Amy Ann Miller.

515. Los Angeles, Calif. (same area since 1937, 7½-mile radius centering near Pico and La Cienega Boulevards).—Dec. 23; 5:30 a.m. to 6:30 p.m. Clear; temp. 43° to 69°; wind variable, light a.m., 10-15 m.p.h. Sixty-five observers in 25 parties. Total party-hours, 184 (154 on foot, 30 by car); total party-miles, 362 (149 on foot, 213 by car). Common Loon, 5; Arctic Loon, 1; Horned Grebe, 19; Eared Grebe, 55; Western Grebe, 174; Pied-billed Grebe, 28; Brown Pelican, 232; Double-crested Cormorant, 28; Great Blue Heron, 8; Am. Egret, 10; Snowy Egret, 10; Green Heron, 3; Black-crowned Night Heron, 7; Canada Goose, 1; Mallard, 47; Am. Widgeon, 109; Pintail, 468; Green-winged Teal, 125; Shoveller, 112; Wood Duck, 1; Redhead, 2; Ring-necked Duck, 3; Lesser Scaup, 466; White-winged Scoter, 1; Surf Scoter, 1251; Ruddy Duck, 112; Am. Merganser, 2; Red-breasted Merganser, 14; Turkey Vulture, 1; White-tailed Kite, 1; Sharp-shinned Hawk, 5; Cooper's Hawk, 5; Red-tailed Hawk, 35; **Swainson's Hawk, 1** (carefully identified by experienced observers); **Harris's Hawk, 1** (carefully identified by experienced observers); Marsh Hawk, 2; Pigeon Hawk, 1; Sparrow Hawk, 102; **Rock Partridge, 1** (carefull identified by experienced observers); California Quail, 217; Clapper Rail, 1; Am. Coot, 1446; Snowy Plover, 34; Ringed Plover, 30; Killdeer, 679; Black-bellied Plover, 117; Surf-bird, 1; Black Turnstone, 16; Wilson's Snipe, 7; Hudsonian Curlew, 6; Spotted Sandpiper, 10; Willet, 644; Greater Yellow-legs, 17; Lesser Yellow-legs, 2; Red Knot, 3; Least Sandpiper, 59; Red-backed Sandpiper, 42; Dowitcher, 70; Western Sandpiper, 252; Marbled Godwit, 66;

Sanderling, 249; Am. Avocet, 37; Parasitic Jaeger, 3; Glaucous-winged Gull, 38; Western Gull, 169; Herring Gull, 12; California Gull, 38; Ring-billed Gull, 1552; Short-billed Gull, 100; Bonaparte's Gull, 334; Heermann's Gull, 1018; Forster's Tern, 21; Band-tailed Pigeon, 4; Mourning Dove, 610; Spotted Dove, 106; Ringed Turtle Dove, 90; Road-runner, 5; Barn Owl, 2; Screech Owl, 2; Horned Owl, 9; White-throated Swift, 108; **Black-chinned Hummingbird,** 1; Anna's Hummingbird, 324; Belted Kingfisher, 8; Red-shafted Flicker, 81; Acorn Woodpecker, 20; Lewis's Woodpecker, 1; Yellow-bellied Sapsucker, 4; Downy Woodpecker, 12; Nuttall's Woodpecker, 25; Black Phoebe, 86; Say's Phoebe, 16; Scrub Jay, 376; Common Raven, 4; Am. Crow, 34; Mountain Chickadee, 6; Plain Titmouse, 75; Common Bushtit, 818; White-breasted Nuthatch, 5; Wren-tit, 445; House Wren, 10; Bewick's Wren, 72; Cañon Wren, 3; Mockingbird, 346; California Thrasher, 85; Am. Robin, 2247; Hermit Thrush, 37; Western Bluebird, 23; Blue-gray Gnatcatcher, 29; Ruby-crowned Kinglet, 41; Water Pipit, 326; Cedar Waxwing, 988; Loggerhead Shrike, 42; Hutton's Vireo, 5; **Black-throated Gray Warbler,** 1; Orange-crowned Warbler, 4; Audubon's Warbler, 2804; Townsend's Warbler, 2; **Macgillivray's Warbler,** 2 [no details—Ed.]; House Sparrow, 574; Western Meadowlark, 151; Red-winged Blackbird, 37; Tricolored Blackbird, 100; Brewer's Blackbird, 1572; Brown-headed Cowbird, 118; Purple Finch, 40; Cassin's Finch, 8; House Finch, 3700; Am. Goldfinch, 316; Lesser Goldfinch, 276; Lawrence's Goldfinch, 1; **Green-tailed Towhee,** 1; Spotted Towhee, 170; Brown Towhee, **1058**; Savannah Sparrow, 23; Lark Sparrow, 155; Rufous-crowned Sparrow, 7; Bell's Sparrow, 3; **Slate-colored Junco,** 3; Oregon Junco, 206; Chipping Sparrow, 88; Brewer's Sparrow, 11; White-crowned Sparrow, 792; Golden-crowned Sparrow, 90; Fox Sparrow, 38; Lincoln's Sparrow, 1; Song Sparrow, 130. **Total,** 147 species; about 30,752 individuals.—Olive Alvey, Eugene Anderson, Harry Anderson, Owen W. Bauer, Clarence Beasley, Jack Bechtel, Robert E. Blackstone, Warren Blazer, Lawrence Carter, Mrs. Lawrence Carter, Herbert Clarke, Olga Clarke, Paul W. Colburn, Ethel B. Craig, Caroline Daugherty, Merritt S. Dunlap, Mrs. Joseph E. Dunn, David DuVal, Ted C. Gee, Mayme Gee, Tom Goodman (compiler), Maizie Goodman (assistant compiler), Pat Gould, Kay Hardt, George T. Hastings (assistant compiler), Paul Herman, Bess M. Hoffman, Dick Holmes, Leona Hoogenbloom, Warren A. Hunt, Esther F. Johnson, Reginald Julian, Arthur Kennedy, Elsie Kennedy, Aaron Krieger, Mrs. Dorothy Lightner, Dan F. McFadden, Noel McFarland, D. S. Melstrom, Al G. Metzlor, Mrs. Betty Meyerfeld, Allan Meyerfeld, Marjorie Moody, Gudrun Pepke, Clara E. Pflager, Marvin A. Pistrang, Helen S. Pratt, Florence Reed, Earl Rugraff, Robert Sandmeyer, Mrs. Sara Schaeffer, Catherine D. Shaw, Dick Smith, Nellie Spencer, Mrs. Clara Splitter, Norma Splitter, Alma Stultz, R. L. Taylor, Margie Taylor, John Tramontano, Mrs. Clara Weedmark, David R. Williams, Ernest Willoughby, Russell Wilson, Marion Wilson.

516. Marysville, Calif. (7½-mile radius centering on 4th and E Sts., including Ellis Lake, irrigated farmlands, tule lands, rice fields, Tierra Buena area). —Dec. 30; 8 a.m. to 4 p.m. [Rain or shine?—Ed.]; temp. 23° to 58°; no wind. Four observers in 2 parties. Total party-hours, 32 (4 on foot, 28 by car); total party-miles, 42 (6 on foot, 36 by car). Great Blue Heron, 1; Am. Egret, 1; Am. Bittern, 1; Whistling Swan, 10; Canada Goose, 2023; Snow Goose, 4205; Mallard, 4; Pintail, 62; Turkey Vulture, 7; Red-tailed Hawk, 9; Marsh Hawk, 8; Sparrow Hawk, 20; California Quail, 21; Ring-necked Pheasant, 13; Florida Gallinule, 3; Am. Coot, 1100; Killdeer, 19; Greater Yellow-legs, 2; Mourning Dove, 48; Saw-whet Owl, 1; Belted Kingfisher, 2; Red-shafted Flicker, 18; Acorn Woodpecker, 13; Lewis's Woodpecker, 1; Williamson's Sapsucker, 1; Black Phoebe, 1; Horned Lark, 7; Scrub Jay, 16; Yellow-billed Magpie, 37; Am. Crow, 171; Mockingbird, 2; Am. Robin, 25; Western Bluebird, 20; Mountain Bluebird, 22; Ruby-crowned Kinglet, 4; Water Pipit, 25; Loggerhead Shrike, 15; Audubon's Warbler, 4; House Sparrow, 56; Western Meadowlark, 119; Red-winged Blackbird, 3; Brewer's Blackbird, 4900; Brown-headed Cowbird, 15; House Finch, 330; Am. Goldfinch, 54; Spotted Towhee, 2; Brown Towhee, 19; Lark Sparrow, 44; Oregon Junco, 89; White-crowned Sparrow, 484; Golden-crowned Sparrow, 40; Song Sparrow, 12. **Total,** 52 species; about 14,109 individuals.—J. R. Beeson, Gertrude Cable (compiler), Mrs. Wesley Van Antwerp, Tunia Vandenbout.

517. Monterey Peninsula, Calif. (same area since 1949; ocean and bays 14%, rocky shores 9%, beaches and sandbars 5%, lagoons, ponds and larger streams 3%, marshes 3%, open fields and golf courses 7%, low and tall brush 7%, streambottom and thicket 20%, oak groves 4%, pine woodland 13%, garden and village streets 13%, Coast Redwoods 2%).—Dec. 27; 6:43 a.m. to 6:30 p.m. Clear; temp 35° to 70°; wind calm to E, 10 m.p.h.; local frosts a.m. Eight observers in 7 parties. Total party-hours, 48 (42 on foot, 6 by car); total party-miles, 79 (25 on foot, 54 by car). Common Loon, 6; Arctic Loon, 11; Red-throated Loon, 3; Red-necked Grebe, 6; Horned Grebe, 52; Eared Grebe, 34; Western Grebe, 81; Pied-billed Grebe, 6; Brown Pelican, 551; Double-crested Cormorant, 1; Brandt's Cormorant, 106; Pelagic Cormorant, 147; Great Blue Heron, 5; Black-crowned Night Heron, 2; Canada Goose, 12; Black Brant, 73; Mallard, 24; Am. Widgeon, 60; Pintail, 17; Green-winged Teal, 5; Cinnamon Teal, 3; Shoveller, 408; Redhead, 6; Ring-necked Duck, 1; Canvasback, 37; Lesser Scaup, 2; Am. Golden-eye, 12; Buffle-head, 11; White-winged Scoter, 1; Surf Scoter, 152; Ruddy Duck, 211; Red-breasted Merganser, 35; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 3; Sparrow Hawk, 10; California Quail, 41; Ring-necked Pheasant, 1; Virginia Rail, 6; Sora, 1; Am. Coot, 790; Black Oyster-catcher, 18; Snowy Plover, 7; Killdeer, 111; Surf-bird, 5; Ruddy Turnstone, 2; Black Turnstone, 22; Wilson's Snipe, 30; Hudsonian Curlew, 1; Spotted Sandpiper, 4; Wandering Tattler, 1; Wil-

let, 33; Least Sandpiper, 1; Marbled Goodwit 25; Sanderling, 302; Glaucous-winged Gull, 319; Western Gull, 118; Herring Gull, 20; California Gull, 159; Ring-billed Gull, 11; Short-billed Gull, 26; Heermann's Gull, 20; Common Murre, 26; Ancient Murrelet, 8; Rhinoceros Auklet, 24; Band-tailed Pigeon, 136; Mourning Dove, 8; Horned Owl, 5; Pygmy Owl, 5; Anna's Hummingbird, 10; Belted Kingfisher, 5; Red-shafted Flicker, 21; Acorn Woodpecker, 14; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 4; Downy Woodpecker, 4; Nuttall's Woodpecker, 1; Black Phoebe, 28; Say's Phoebe, 8; Horned Lark, 58; Steller's Jay, 6; Scrub Jay, 41; Yellow-billed Magpie, 6; Am. Crow, 32; Chestnut-backed Chickadee, 60; Plain Titmouse, 6; Common Bushtit, 121; Pygmy Nuthatch, 50; Brown Creeper, 5; Wren-tit, 25; Winter Wren, 6; Bewick's Wren, 20; Long-billed Marsh Wren, 1; California Thrasher, 2; Am. Robin, 274; Varied Thrush, 1; Hermit Thrush, 18; Western Bluebird, 38; Ruby-crowned Kinglet, 31; Water Pipit, 121; Loggerhead Shrike, 7; Hutton's Vireo, 9; Orange-crowned Warbler, 3; Audubon's Warbler, 133; Townsend's Warbler, 4; Common Yellowthroat, 1; House Sparrow, 20; Western Meadowlark, 129; Red-winged Blackbird, 303; Tricolored Blackbird, 2; Brewer's Blackbird, 426; Purple Finch, 2; House Finch, 289; Pine Siskin, 20; Am. Goldfinch, 17; Lesser Goldfinch, 19; Spotted Towhee, 7; Brown Towhee, 5; Savannah Sparrow, 1; Oregon Junco, 59; White-crowned Sparrow, 211; Golden-crowned Sparrow, 131; Fox Sparrow, 26; Song Sparrow, 19. **Total,** 125 species; about 7255 individuals. [Very neat, carefully prepared report—Ed.]—Louise M. Hatton, Elmer E. Highley, Edwin L. Hixson, Dan Miller, Robert E. Ricklefs, J. P. Stanton, James Whitehead, Laidlaw O. Williams (compiler).

518. Oakland, Calif. (parts of a 7½-mile radius circle, centering at Norago Ave. and Estates Drives; San Francisco Bay to Lafayette, Pt. Isabel to south of Oakland Airport.)—Dec. 30; 4:30 a.m. to 6 p.m. Overcast, clearing to haze p.m.; temp. 34° to 56°; wind negligible; dense fog in southwest part of territory. Thirty-nine observers in 13 parties. Total party-hours, 125 (111 on foot, 14 by car); total party-miles, 260 (65 on foot, 195 by car). Common Loon, 1; Arctic Loon, 1; Red-throated Loon, 6; Horned Grebe, 20; Eared Grebe, 61; Western Grebe, 14; Pied-billed Grebe, 209; Brown Pelican, 3; Double-crested Cormorant, 124; Great Blue Heron, 17; Am. Egret, 27; Snowy Egret, 18; Green Heron, 1; Black-crowned Night Heron, 25; Canada Goose, 694; Mallard, 521; Gadwall, 4; Am. Widgeon, 1138; Pintail, 3793; Green-winged Teal, 6; Shoveller, 7; Wood Duck, 8; Ring-necked Duck, 62; Canvas-back, 502; Greater Scaup, 1; Lesser Scaup, 40; Am. Goldeneye, 162; Buffle-head, 7; White-winged Scoter, 3; Surf Scoter, 105; Ruddy Duck, 2364; Hooded Merganser, 5; Am. Merganser, 74; Red-breasted Merganser, 8; Turkey Vulture, 1; Sharp-shinned Hawk, 6; Cooper's Hawk, 5; Red-tailed Hawk, 27; Sparrow Hawk, 50; California Quail, 258; Ring-necked Pheasant, 1; Clapper Rail, 7; Virginia Rail, 1; Am. Coot, 3095; Ringed Plover, 6; Killdeer, 190; Black-bellied Plover, 1115; Ruddy Turnstone, 1; Black Turnstone, 13; Wilson's Snipe, 2; Long-billed Curlew, 95; Hudsonian Curlew, 5; Spotted Sandpiper, 1; Willet, 1317; Greater Yellow-legs, 10; Least Sandpiper, 30; Red-backed Sandpiper, 3400; Dowitcher, 517; Western Sandpiper, 4603; Marbled Godwit, 1065; Sanderling, 150; Am. Avocet, 3188; Glaucous-winged Gull, 3415; Western Gull, 1153; Herring Gull, 127; California Gull, 469; Ring-billed Gull, 459; Short-billed Gull, 926; Bonaparte's Gull, 254; Forster's Tern, 109; Mourning Dove, 302; Barn Owl, 3; Screech Owl, 1; Horned Owl, 16; Short-eared Owl, 3; Anna's Hummingbird, 80; Belted Kingfisher, 3; Red-shafted Flicker, 148; Acorn Woodpecker, 22; Yellow-bellied Sapsucker, 11; Hairy Woodpecker, 2; Downy Woodpecker, 8; Nuttall's Woodpecker, 10; Black Phoebe, 13; Say's Phoebe, 6; Horned Lark, 27; Steller's Jay, 98; Scrub Jay, 282; Am. Crow, 32; Chestnut-backed Chickadee, 104; Plain Titmouse, 97; Common Bushtit, 438; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 24; Brown Creeper, 2; Wren-tit, 121; Winter Wren, 4; Bewick's Wren, 23; Mockingbird, 7; California Thrasher, 3; Am. Robin, 4395; Varied Thrush, 43; Hermit Thrush, 58; Western Bluebird, 120; Ruby-crowned Kinglet, 43; Water Pipit, 99; Cedar Waxwing, 354; Loggerhead Shrike, 17; Hutton's Vireo, 9; Myrtle Warbler, 3; Audubon's Warbler, 214; House Sparrow, 1102; Western Meadowlark, 157; Red-winged Blackbird, 259; Brewer's Blackbird, 778; Brown-headed Cowbird, 75; Purple Finch, 16; House Finch, 995; Pine Siskin, 51; Am. Goldfinch, 35; Lesser Goldfinch, 65; Spotted Towhee, 155; Brown Towhee, 363; Savannah Sparrow, 48; Lark Sparrow, 3; Oregon Junco, 1120; White-crowned Sparrow, 899; Golden-crowned Sparrow, 559; **White-throated Sparrow, 2**; Fox Sparrow, 84; Lincoln's Sparrow, 2; Song Sparrow, 222. **Total,** 132 species; about 50,347 individuals.—Betty Adamson, Harry Adamson, Albert Boles, Sadie Bozant, Myra Browne, Herold Connon, Paul Covel, Alan Craig, A. Laurence Curl, George Gifford, Tom Grimes, Charles Hines, Junea Kelly, L. Richard Leinbach, Phyllis Lindley, Neil Lochhead, Marie Mans, Gardner Marshall, David McCarroll, Arthur Myer, Norma Ockree, Paul Opler, Harold Peterson, Jean Pyle, Clement Ralph, John Ralph, Amy Rinehart, Martha Rosenquist, Frank Scott, Jean Stallcup, Ken Stallcup, Lee Stallcup (compiler), Richard Stallcup, Jean Terschuren, Inez Troxell, Peter Veitch, Bev Wilder, Valera Witter, Irwin Woldman.

519. Oceanside–Vista, Calif. (same area as 1956, centering at Vista; ocean shore 20%, brackish lagoon and tule marsh 25%, dry river with willow and cottonwood margins 15%, chaparral hills with oak and sycamore ravines 15%, grassy and cultivated fields 15%, reservoirs 5%, citrus and avocado groves and landscaped grounds 5%).—Dec. 30; 8:30 a.m. to 5:30 p.m. Clear; temp. 40° to 65°; wind calm to W, 10 m.p.h. Five observers in 3 parties. Total party-hours, 24 (18 on foot, 6 by car); total party-miles, 90 (10 on foot, 80 by car). Horned Grebe, 18; Eared Grebe, 28; Western Grebe, 22; Pied-billed Grebe, 56;

White Pelican, 8; Brown Pelican, 3; Double-crested Cormorant, 69; Great Blue Heron, 1; Am. Egret, 13; Snowy Egret, 11; Green Heron, 2; Black-crowned Night Heron, 8; Am. Bittern, 5; **Least Bittern, 1** (carefully identified); Canada Goose, 46; Mallard, 8; Pintail, 227; Green-winged Teal, 108; **Blue-winged Teal, 1** (drake); Cinnamon Teal, 14; Shoveller, 690; Redhead, 2; Ring-necked Duck, 50; Canvas-back, 4; Lesser Scaup, 60; Buffle-head, 12; Ruddy Duck, 392; White-tailed Kite, 3; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 11; Golden Eagle, 2; Marsh Hawk, 4; Sparrow Hawk, 30; California Quail, 2; Sora, 1; Am. Coot, 1078; Piping Plover, 12; Snowy Plover, 12; Killdeer, 25; Black-bellied Plover, 5; Hudsonian Curlew, 8; Spotted Sandpiper, 2; Willet, 1; Red Knot, 1; Least Sandpiper, 2; Dowitcher, 4; Western Sandpiper, 15; Marbled Godwit, 6; Sanderling, 2; Am. Avocet, 67; California Gull, 925; Ring-billed Gull, 440; Bonaparte's Gull, 200; Forster's Tern, 27; Caspian Tern, 1; Mourning Dove, 33; Spotted Dove, 8; Road-runner, 5; Anna's Hummingbird, 8; Belted Kingfisher, 1; Red-shafted Flicker, 6; Acorn Woodpecker, 5; Yellow-bellied Sapsucker, 4; Nuttall's Woodpecker, 1; Western Kingbird, 3; Cassin's Kingbird, 5; Black Phoebe, 8; Say's Phoebe, 1; Tree Swallow, 10; Scrub Jay, 7; Common Raven, 3; Am. Crow, 11; Plain Titmouse, 2; Common Bushtit, 200; Wren-tit, 5; Long-billed Marsh Wren, 9; Mockingbird, 15; California Thrasher, 3; Am. Robin, 52; **Olive-backed Thrush, 3** (carefully studied at close range); Western Bluebird, 28; Mountain Bluebird, 12; Ruby-crowned Kinglet, 1; Water Pipit, 93; Loggerhead Shrike, 16; Audubon's Warbler, 223; Common Yellowthroat, 4; House Sparrow, 55; Western Meadowlark, 101; Red-winged Blackbird, 364; Brewer's Blackbird, 1119; House Finch, 385; Am. Goldfinch, 12; Lesser Goldfinch, 104; Spotted Towhee, 6; Brown Towhee, 30; Rufous-crowned Sparrow, 1; Oregon Junco, 27; Chipping Sparrow, 1; White-crowned Sparrow, 99; Song Sparrow, 18. **Total,** 101 species; about 7856 individuals. (Seen in area count period: **White-fronted Goose,** Black-capped Warbler.)—L. Claire Hulbert, Mrs. Boyd Robinson, Boyd Robinson, Mrs. R. E. Wallace, Dale T. Wood (compiler).

520. Orange County (central and coastal), Calif. (7½-mile radius centering on Huntington Beach, including area from Seal Beach to Corona Del Mar, inland to Santa Ana; ocean 20%, salt marsh 10%, mud flats 20%, pastures 5%, fields 30%, urban 15%).—Dec. 27; 6:30 a.m. to 5 p.m. Clear; temp. 45° to 87°; wind NE, 5-10 m.p.h.; very dry, hot season with strong desert winds and no rain. Twenty-five observers in 8 parties. Total party-hours, 59 (36 on foot, 23 by car); total party-miles, 242 (39 on foot, 203 by car). Common Loon, 1; Red-throated Loon, 1; Horned Grebe, 64; Eared Grebe, 198; Western Grebe, 141; Pied-billed Grebe, 22; White Pelican, 2; Brown Pelican, 14; Double-crested Cormorant, 13; Great Blue Heron, 49; Am. Egret, 180; Snowy Egret, 123; Black-crowned Night Heron, 6; Canada Goose, 94; Black Brant, 7; Mallard, 21; Gadwall, 1; Am. Widgeon, 3553; Pintail, 21,096; Green-winged Teal, 754; Shoveller, 511; Redhead, 1; Lesser Scaup, 129; Buffle-head, 5; Surf Scoter, 117; Ruddy Duck, 301; Am. Merganser, 3; Red-breasted Merganser, 70; Turkey Vulture, 6; White-tailed Kite, **28**; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 12; **Swainson's Hawk, 1**; Marsh Hawk, 13; **Osprey, 1**; Peregrine Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 107; California Quail, 4; Ring-necked Pheasant, 15; Clapper Rail, 7; Sora, 1; Am. Coot, 4204; Snowy Plover, 12; Ringed Plover, 4; Mountain Plover, **876**; Killdeer, 585; **Golden Plover, 1** (present since Oct.—numerous observers); Black-bellied Plover, 525; Ruddy Turnstone, 1; Wilson's Snipe, 106; Long-billed Curlew, 50; Hudsonian Curlew, 29; Spotted Sandpiper, 2; Willet, 2407; Greater Yellow-legs, 166; Red Knot, 1; **Wandering Tattler, 7**; Least Sandpiper, 1324; Red-backed Sandpiper, 4942; Dowitcher, 326; Western Sandpiper, 3113; Marbled Godwit, 612; Sanderling, 642; Am. Avocet, 27; Glaucous-winged Gull, 12; Western Gull, 139; Herring Gull, 7; California Gull, 13; Ring-billed Gull, 4369; Short-billed Gull, 4; Bonaparte's Gull, 41; Heermann's Gull, 12; Forster's Tern, 211; Caspian Tern, 8; **Ancient Murrelet, 3**; Band-tailed Pigeon, 77; Mourning Dove, 409; Spotted Dove, 30; Road-runner, 1; Barn Owl, 2; Burrowing Owl, 12; Short-eared Owl, 1; Anna's Hummingbird, 61; Belted Kingfisher, 3; Red-shafted Flicker, 13; Acorn Woodpecker, 1; Yellow-bellied Sapsucker, 1; Nuttall's Woodpecker, 1; Cassin's Kingbird, 3; **Ash-throated Flycatcher, 1**; Black Phoebe, 33; Say's Phoebe, 20; Horned Lark, 583; Scrub Jay, 19; Common Raven, 14; Am. Crow, 327; Common Bushtit, 71; Wren-tit, 7; House Wren, 1; Bewick's Wren, 16; Long-billed Marsh Wren, 7; Mockingbird, 95; California Thrasher, 1; Am. Robin, 18; Hermit Thrush, 1; Mountain Bluebird, 258; Blue-gray Gnatcatcher, 1; Black-tailed Gnatcatcher, 1; Ruby-crowned Kinglet, 12; Water Pipit, 2849; Cedar Waxwing, 2; Loggerhead Shrike, 85; Orange-crowned Warbler, 6; Audubon's Warbler, 237; Common Yellowthroat, 16; House Sparrow, 1244; Western Meadowlark, 879; Yellow-headed Blackbird, 1; Red-winged Blackbird, 631; **Hooded Oriole, 2**; Brewer's Blackbird, 3020; Brown-headed Cowbird, 70; House Finch, 3199; Am. Goldfinch, 55; Lesser Goldfinch, 21; Spotted Towhee, 2; Brown Towhee, 61; Savannah Sparrow, 1130; Lark Sparrow, 38; Rufous-crowned Sparrow, 1; Oregon Junco, 5; Chipping Sparrow, 1; White-crowned Sparrow, 926; Golden-crowned Sparrow, 2; Lincoln's Sparrow, 85; Song Sparrow, 215. **Total,** 138 species; about 69,342 individuals. [Exceptionally neat, carefully prepared report with details substantiating all unusual observation—Ed.]—Frank Brackett, Josephine Bull, John DeWitt, Dwight Dorman, Norman Fleming, Ruth Fleming, Richard T. Holmes, Robert House, Mike Irwin, Ester Johnson, John W. Johnson, Arnold Lane (compiler), Bill Lofthouse, Harry Marshall, Douglass Miller, Vanche Plumb, Francis Raymond, Dwight Roberts, Edith Sanford, Georgiana Sanford, Bill Selby, John Sibert, John Tramontano, Alice Zimmerman, Fern Zimmerman (Sea and Sage Audubon Society).

521. **Orange County (northeastern), Calif.** (7½-mile radius centering on Bolero Lookout, including Lemon Heights, Irvine Park, O'Neil Park, Tucker Sanctuary, and Peter's, Santiago, Black Star, Silverado, Trabuco Canyons; fields 10%, grassland 30%, chaparral 40%, oak-sycamore woodland 20%). —Dec. 30; 8 a.m. to 6 p.m. Partly cloudy; temp. 45° to 75°; wind NE, 0-15 m.p.h.; winter season has been hot and extremely dry, with strong desert winds. Thirty-eight observers in 11 parties. Total party-hours, 59 (33 on foot, 26 by car); total party-miles, 212 (31 on foot, 181 by car). Eared Grebe, 4; Pied-billed Grebe, 5; Double-crested Cormorant, 1; Great Blue Heron, 3; Am. Egret, 1; Green Heron, 1; Black-crowned Night Heron, 1; Pintail, 1; Green-winged Teal, 10; Shoveller, 17; Lesser Scaup, 12; Ruddy Duck, 199; Turkey Vulture, 8; Sharp-shinned Hawk, 4; Cooper's Hawk, 4; Red-tailed Hawk, 26; Red-shouldered Hawk, 12; **Swainson's Hawk, 2**; **Rough-legged Hawk, 1** (in same area for 3 weeks); Golden Eagle, 4; Marsh Hawk, 1; Peregrine Falcon, 2; Sparrow Hawk, 60; California Quail, 184; Ring-necked Pheasant, 3; Am. Coot, 258; Mountain Plover, 14; Killdeer, 22; Wilson's Snipe, 2; Spotted Sandpiper, 1; Greater Yellow-legs, 4; Least Sandpiper, 45; Red-backed Sandpiper, 5; Dowitcher, 66; Western Sandpiper, 50; Ring-billed Gull, 1; Band-tailed Pigeon, 50; Mourning Dove, 281; Spotted Dove, 44; Road-runner, 1; Barn Owl, 2; Screech Owl, 1; Horned Owl, 1; Anna's Hummingbird, 210; Belted Kingfisher, 2; Red-shafted Flicker, 67; Acorn Woodpecker, 628; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 15; Downy Woodpecker, 1; Nuttall's Woodpecker, 17; Cassin's Kingbird, 10; Black Phoebe, 61; Say's Phoebe, 31; Horned Lark, 60; Scrub Jay, 346; Common Raven, 58; Am. Crow, 251; Mountain Chickadee, 27; Plain Titmouse, 106; Common Bushtit, 229; White-breasted Nuthatch, 16; Wren-tit, 113; House Wren, 4; Bewick's Wren, 28; Cactus Wren, 1; Cañon Wren, 1; Mockingbird, 75; California Thrasher, 16; Am. Robin, 755; Hermit Thrush, 42; Western Bluebird, 213; Mountain Bluebird, 40; Townsend's Solitaire, 11; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 35; Water Pipit, 357; Cedar Waxwing, 252; Phainopepla, 4; Loggerhead Shrike, 20; Orange-crowned Warbler, 5; Audubon's Warbler, 2434; Common Yellowthroat, 5; **Black-capped Warbler, 1** (carefully identified—A.L. party); House Sparrow, 505; Western Meadowlark, 299; Red-winged Blackbird, 78; Brewer's Blackbird, 2313; Brown-headed Cowbird, 2; **Black-headed Grosbeak, 5**; Purple Finch, 55; House Finch, 2396; Pine Siskin, 13; Am. Goldfinch, 159; Lesser Goldfinch, 469; Lawrence's Goldfinch, 65; Green-tailed Towhee, 2; Spotted Towhee, 207; Brown Towhee, 433; Savannah Sparrow, 39; Lark Sparrow, 457; Rufous-crowned Sparrow, 23; Sage Sparrow, 1; **Slate-colored Junco, 1** (A.L. party); Oregon Junco, 367; **Gray-headed Junco, 3** (seen by 2 parties); Chipping Sparrow, 2; **Brewer's Sparrow, 1** (carefully identified); **Black-chinned Sparrow, 1**; White-crowned Sparrow, 1814; Golden-crowned Sparrow, 84; Fox Sparrow, 607; Song Sparrow, 120. **Total,** 113 species; about 18,492 individuals. [Exceptionally neat, carefully prepared report with excellent details for all unusual observations—Ed.]—Priscilla Allen, Josephine Bull, Carolyn Campbell, John DeWitt, W. F. Emerson, Paul Engen, Lucille Goodrich, Jack Hagen, John and Christine Guerra, Richard Holmes, Elvera Hasford, Robert House, Don Johnson, Ester and Orville Johnson, John and Velma Kochendorfer, Arnold Lane (compiler), Harry Marshall, Vanche Plumb, Dan and Grace Rankin, Francis Raymond, Dwight Roberts, Edna Spalding, O. H. Stevenson, Jean Sutton, Mr. and Mrs. John Tiffany, John Tramontano, Lawrence West, Carl and Ruth Wilkening, Mabel Whiting, Bob Workman, Alice and Fern Zimmerman (Sea and Sage Audubon Society).

522. **Pasadena–San Gabriel Valley, Calif.** (same territory as in 1955).—Dec. 29; 6 a.m. to 5 p.m. Clear; temp. 42° to 83°; wind light; some canyons closed because 2 month's drought has created extreme fire hazard. Twenty-four observers in 11 parties. Total party-hours, 91 (84 on foot, 7 by car); total party-miles, 181 (61 on foot, 120 by car). Eared Grebe, 1; Pied-billed Grebe, 17; Great Blue Heron, 1; Am. Egret, 3; Green Heron, 7; Black-crowned Night Heron, 8; Am. Bittern, 1; Mallard, 12; Am. Widgeon, 1; Pintail, 28; Green-winged Teal, 1; Cinnamon Teal, 1; Shoveller, 1; Ring-necked Duck, 7; Canvas-back, 5; Lesser Scaup, 3; Ruddy Duck, 222; White-tailed Kite, 1; Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Red-tailed Hawk, 21; Red-shouldered Hawk, 9; Swainson Hawk, 1; Golden Eagle, 2; Marsh Hawk, 1; Sparrow Hawk, 31; California Quail, 163; Mountain Quail, 8; Ring-necked Pheasant, 45; Florida Gallinule, 2; Am. Coot, 1007; Killdeer, 173; Wilson's Snipe, 10; Greater Yellow-legs, 16; Least Sandpiper, 3; Western Sandpiper, 4; Glaucous-winged Gull, 4; California Gull, 138; Ring-billed Gull, 391; Band-tailed Pigeon, 53; Mourning Dove, 1309; Spotted Dove, 216; Screech Owl, 3; Horned Owl, 2; Pygmy Owl, 2; Burrowing Owl, 1; White-throated Swift, 6; **Black-chinned Hummingbird, 2** (present for weeks); Anna's Hummingbird, 61; Belted Kingfisher, 5; Red-shafted Flicker, 89; Acorn Woodpecker, 15; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 10; Nuttall's Woodpecker, 2; Cassin's Kingbird, 1; Black Phoebe, 59; Say's Phoebe, 11; **Empidonax Flycatcher** (probably western), 1; Horned Lark, 300; Steller's Jay, 28; Scrub Jay, 106; Am. Crow, 908; Mountain Chickadee, 57; Plain Titmouse, 18; Common Bushtit, 326; White-breasted Nuthatch, 8; Brown Creeper, 1; Wren-tit, 131; House Wren, 3; Bewick's Wren, 24; Long-billed Marsh Wren, 3; Cañon Wren, 14; Rock Wren, 1; Mockingbird, 86; California Thrasher, 8; Am. Robin, 414; Hermit Thrush, 36; Western Bluebird, 30; Townsend's Solitaire, 2; Blue-gray Gnatcatcher, 30; Golden-crowned Kinglet, 95; Water Pipit, 608; Cedar Waxwing, 82; Loggerhead Shrike, 35; Hutton's Vireo, 4; Orange-crowned Warbler, 2; Myrtle Warbler, 1; Audubon's Warbler, 979; Townsend's Warbler, 3; **Black-throated Gray Warbler, 1** (carefully identified); House Sparrow, 349; Western Meadowlark, 537; Red-winged Blackbird, 422; Brewer's Blackbird, 1285; Brown-headed Cowbird,

2; Cardinal, 14; **Black-headed Grosbeak, 1** (carefully identified); Purple Finch, 16; House Finch, 1320; Pine Siskin, 6; Am. Goldfinch, 98; Lesser Goldfinch, 306; Lawrence's Goldfinch, 9; Spotted Towhee, 71; Brown Towhee, 330; Savannah Sparrow, 107; Rufous-crowned Sparrow, 6; Slate-colored Junco, 10; Oregon Junco, 269; Chipping Sparrow, 15; White-crowned Sparrow, 1518; Golden-crowned Sparrow, 10; Fox Sparrow, 2; Lincoln's Sparrow, 3; Song Sparrow, 320. **Total,** 116 species; about 14,684 individuals. [Yellow-throated Warbler, 22 reported without details and not underlined as unusual, removed from list—Ed.]—Leo R. Best, Mr. and Mrs. H. H. Benson, Doris Bullion, Ferne Downing, Patrick Gould, Robert Hays, Paul Herman, Richard T. Holmes, Mike Jacobson, Louise A. Luckan, David Martin, Helen Pratt, W. D. Quattlebaum, Paul Robbins, Earl Rugraff, Denise Smith, Richard Smith, Alma Stultz, Dick Suter, John Tramontano, Cora S. Wilson (compiler), Jo Ann Wilson, Gertrude Woods.

523. **Redding, Calif.** (7½-mile radius centering about 6 miles east of Redding; brushy semi-wooded hillsides 10%, park 5%, gravel-pit, lakes and fields 15%, flat valley farms, pastures, scattered trees, ponds, creeks 50%, rolling grasslands with oaks, pines, chaparral 20%).—Dec. 29; 8 a.m. to 5 p.m. Clear, high haze; temp. 40° to 60°; no wind; winter open, mild, and unusually dry. Five observers in 3 parties. Total party-hours, 24 (20 on foot, 4 by car); total party-miles 60 (10 on foot, 50 by car). Eared Grebe, 3; Pied-billed Grebe, 18; **Double-crested Cormorant,** 2; Great Blue Heron, 6; Whistling Swan, 17; Canada Goose, 900; Mallard, 10; Am. Widgeon, 23; Pintail, 22; Cinnamon Teal, 2; Shoveller, 12; Wood Duck, 2; Redhead, 12; Ring-necked Duck, 5; Canvas-back, 10; Lesser Scaup, 27; Am. Golden-eye, 2; Buffle-head, 2; Ruddy Duck, 50; Hooded Merganser, 3; **Am. Merganser, 2**; Turkey Vulture, 22; Sharp-shinned Hawk, 1; Red-tailed Hawk, 7; **Bald Eagle, 2** (E.F.); Marsh Hawk, 2; Sparrow Hawk, 6; California Quail, 57; Ring-necked Pheasant, 3; Am. Coot, 314; Killdeer, 50; Wilson's Snipe, 9; Band-tailed Pigeon, 5; Mourning Dove, 9; Belted Kingfisher, 8; Red-shafted Flicker, 56; Acorn Woodpecker, 210; Lewis's Woodpecker, 19; **Yellow-bellied Sapsucker, 2** (2 races); Hairy Woodpecker, 2; Downy Woodpecker, 1; Nuttall's Woodpecker, 2; Black Phoebe, 5; Say's Phoebe, 2; Scrub Jay, 49; Yellow-billed Magpie, 25; Am. Crow, 200; Plain Titmouse, 16; Common Bushtit, 36; White-breasted Nuthatch, 13; Brown Creeper, 1; Wren-tit, 3; Bewick's Wren, 4; Long-billed Marsh Wren, 1; **Mockingbird, 1**; California Thrasher, 2; Am. Robin, 430; Varied Thrush, 3; Hermit Thrush, 1; Western Bluebird, 16; Ruby-crowned Kinglet, 9; Water Pipit, 67; Cedar Waxwing, 17; Loggerhead Shrike, 9; Common Starling, 5; Hutton's Vireo, 2; Orange-crowned Warbler, 2; Audubon's Warbler, 11; House Sparrow, 75; Western Meadowlark, 100; Red-winged Blackbird, 101; Brewer's Blackbird, 340; Brown-headed Cowbird, 2; Purple Finch, 2; House Finch, 30; Pine Siskin, 10; Am. Goldfinch, 100; Lesser Goldfinch, 24; Spotted Towhee, 28; Brown Towhee, 12; Savannah Sparrow, 1; Vesper Sparrow, 17; Lark Sparrow, 1; **Bell's Sparrow, 1** (B.N., R.T.); Oregon Junco, 82; White-crowned Sparrow, 188; Golden-crowned Sparrow, 7; Fox Sparrow, 2; Song Sparrow, 19. **Total,** 89 species (1 additional subspecies); more than 3989 individuals.—Edward Frisbie, Mabel Frisbie, George W. Nielsen, Beatrice W. Nielsen, Robert I. Todd (compiler) (Mount Lassen Bird Club).

524. **Redlands, Calif.** (7½-mile radius centering in Mill Creek Canyon, same area as past 4 years).—Dec. 22; 7 a.m. to 5:30 p.m. Clear; temp. 38° to 65°; wind 5-10 m.p.h.; no snow, ponds and reservoirs open and very low due to drought. Fifteen observers in 7 parties. Total party-hours, 34 (20 on foot, 14 by car); total party-miles, 239 (24 on foot, 215 by car). Pied-billed Grebe, 1; Mallard, 2; Ring-necked Duck, 20; Lesser Scaup, 1; Ruddy Duck, 1; Cooper's Hawk, 1; Red-tailed Hawk, 4; Golden Eagle, 4; Sparrow Hawk, 11; California Quail, 175; Mountain Quail, 1; Ring-necked Pheasant, 1; Am. Coot, 19; Killdeer, 28; Band-tailed Pigeon, 10; Mourning Dove, 1; Spotted Dove, 5; Road-runner, 1; Anna's Hummingbird, 2; Red-shafted Flicker, 18; Acorn Woodpecker, 117; Yellow-bellied Sapsucker, 9 (4 Red-naped); Hairy Woodpecker, 2; Nuttall's Woodpecker, 12; White-headed Woodpecker, 6; Black Phoebe, 3; Say's Phoebe, 3; Horned Lark, 32; Steller's Jay, 55; Scrub Jay, 65; Common Raven, 5; Am. Crow, 9; Mountain Chickadee, 48; Plain Titmouse, 20; Common Bushtit, 176; White-breasted Nuthatch, 11; Red-breasted Nuthatch, 2; Pygmy Nuthatch, 10; Brown Creeper, 2; Wren-tit, 21; Am. Dipper, 1; House Wren, 4; Bewick's Wren, 7; Cactus Wren, 1; Cañon Wren, 2; Rock Wren, 1; Mockingbird, 13; California Thrasher, 7; Sage Thrasher, 1; Am. Robin, 67; Varied Thrush, 2; Hermit Thrush, 3; Western Bluebird, 204; Mountain Bluebird, 89; Townsend's Solitaire, 8; Blue-gray Gnatcatcher, 3; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 9; Cedar Waxwing, 13; Phainopepla, 2; Loggerhead Shrike, 14; Hutton's Vireo, 2; Orange-crowned Warbler, 1; Audubon's Warbler, 16; House Sparrow, 53; Western Meadowlark, 112; Brewer's Blackbird, 288; Purple Finch, 7; House Finch, 150; Pine Siskin, 243; Am. Goldfinch, 37; Lesser Goldfinch, 94; Lawrence's Goldfinch, 40; Green-tailed Towhee, 1; Spotted Towhee, 18; Brown Towhee, 98; Savannah Sparrow, 4; Vesper Sparrow, 8; Lark Sparrow, 13; Rufous-crowned Sparrow, 10; Sage Sparrow, 6; Oregon Junco, 300; Gray-headed Junco, 5; White-crowned Sparrow, 432; Golden-crowned Sparrow, 58; Fox Sparrow, 1; Song Sparrow, 9. **Total,** 87 species (1 additional subspecies); about 3372 individuals. (Seen in area count period: Lewis's Woodpecker.)—Rosella Birdsale, Roberta Cushing, Bea Forrest, Jeanne Goodman, John Goodman (compiler), May Hess, George Hollenberg, Walter Kahn, Pat McTarsney, Robert Martin, Mildred Smith, Mrs. Glenn Vaughn, Wilbur Vroman, Pat Wade, Ann Wissler.

525. **Sacramento, Calif.** (7½-mile radius centering ing at northeast corner of Sacramento Floodwater By-

Pass, this point approximately 1½ miles west of confluence of Sacramento and American Rivers; town and suburbs 25%, open fields 60%, riparian woodlands 5%, marsh 4%, open water 6%).—Dec. 30; 7 a.m. to 5 p.m. [Rain or shine?—Ed.]; temp. 30° to 56°; no wind; driest year Sacramento has had since 1850. Forty-four observers in 16 parties. Total party-hours, 158 (65 on foot, 93 by car); total party-miles, 656 (107 on foot, 549 by car). Eared Grebe, 1; Pied-billed Grebe, 121; Great Blue Heron, 7; Am. Egret, 64; Green Heron, 5; Black-crowned Night Heron, 154; Am. Bittern, 3; Whistling Swan, 169; Canada Goose, 6327; White-fronted Goose, 1759; Snow Goose, 7413; Mallard, 325; Gadwall, 2; Am. Widgeon, 11; Pintail, 9767; Green-winged Teal, 414; Cinnamon Teal, 8; Shoveller, 59; Wood Duck, 1; Redhead, 1; Ring-necked Duck, 49; Canvas-back, 40; Ruddy Duck, **1006**; Am. Merganser, 4; White-tailed Kite, 11; Sharp-shinned Hawk, 10; Cooper's Hawk, 6; Red-tailed Hawk, **99**; Red-shouldered Hawk, 3; Marsh Hawk, 68; Sparrow Hawk, **376**; California Quail, 338; Ring-necked Pheasant, 128; Virginia Rail, 2; Florida Gallinule, 33; Am. Coot, 6089; Killdeer, **1916**; Wilson's Snipe, 10; Long-billed Curlew, 12; Greater Yellow-legs, 33; Least Sandpiper, 63; Red-backed Sandpiper, 677; Dowitcher, 556; Western Sandpiper, 258; Marbled Godwit, 2; Am. Avocet, 3; Herring Gull, 45; California Gull, 1043; Ring-billed Gull, 507; Forster's Tern, 1; Mourning Dove, **803**; Barn Owl, **12**; Horned Owl, 4; Burrowing Owl, 8; Short-eared Owl, 4; Belted Kingfisher, 7; Red-shafted Flicker, **553**; Acorn Woodpecker, 71; Lewis's Woodpecker, 2; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 37; Nuttall's Woodpecker, **53**; Black Phoebe, 49; **Say's Phoebe, 2**; Horned Lark, 99; Tree Swallow, 1; Scrub Jay, 432; Yellow-billed Magpie, **1304**; Am. Crow, 553; **Mountain Chickadee, 1**; Plain Titmouse, 90; Common Bushtit, 306; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 1; Brown Creeper, 1; Wren-tit, 1; House Wren, 15; Winter Wren, 2; Bewick's Wren, 31; Long-billed Marsh Wren, 16; Mockingbird, 34; Am. Robin, 662; Varied Thrush, 3; Hermit Thrush, 1; Western Bluebird, 28; Mountain Bluebird, 2; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 118; Water Pipit, **4834**; **Bohemian Waxwing, 1** (carefully identified); Cedar Waxwing, 336; Loggerhead Shrike, 125; **Common Starling, 1763**; Hutton's Vireo, 1; Orange-crowned Warbler, 8; Myrtle Warbler, 2; Audubon's Warbler, 696; House Sparrow, 2657; Western Meadowlark, **2737**; Red-winged Blackbird, 9769; Brewer's Blackbird, **24,318**; Purple Finch, 37; House Finch, 3351; Am. Goldfinch, 410; Lesser Goldfinch, 196; Spotted Towhee, **146**; Brown Towhee, 27; Savannah Sparrow, **4585**; Lark Sparrow, 293; Rufous-crowned Sparrow, 1; Oregon Junco, 573; **Chipping Sparrow, 22**; White-crowned Sparrow, **7535**; Golden-crowned Sparrow, **913**; **White-throated Sparrow, 1** (carefully identified); Fox Sparrow, 6; Lincoln's Sparrow, 4; Song Sparrow, 74. **Total,** 119 species (3 additional subspecies); about 110,759 individuals.—Earl A. Albertson, A. J. Argante (compiler), Willie Argante, Hubert Arnold, Cora Baker, Georgia Borchert, Jim Court, Robert Cunningham, Eugene Christian, Jack Dennison, Olivette Dennison, Rollo Darby, Fred G. Evenden, Robert Graham, Helen Grant, Bill Grant, Ruby Hutchinson, Linda Hutchinson, Muriel Kaminsky, Helen Kimball, William Kirsher, Celeste Kirsher, Lucy Jane Labhard, Alfrieda Meuser, Dean McBride, Norman Miller, Wayne O'Neil, Barbara O'Neil, E. R. Pickett, Wendall F. Pond, Mrs. Wendall F. Pond, Robert B. Sanders, Madeline M. Sheridan, Sandra Sunderland, D. Bruce Swinehart, Jr., Wordena Swisher, Berniece Tisdale, James O. Wanzer, Magdalene Wanzer, Florence Weber, Alice Williams, Clare Williams, Effie C. Yeaw, Eddie Yeaw.

526. Salton Sea–Imperial Valley, Calif. (15-mile diameter centered near Shamrock Siding, including parts of Salton Sea National Wildlife Refuge, Imperial State Waterfowl Management Area, Alamo River, Mullet Island; open water 20%, cultivated fields 20%, flooded areas 15%, thickets 15%, marsh 10%, mudflats 10%, mesquite 5%, Tamarisk-eucalyptus groves 5%).—Dec. 31; 3:45 a.m. to 4:15 p.m. Generally fair; temp. 61° to 68°; wind WSW to SW, 10-15 m.p.h.; aerial survey of waterbirds. Two observers in 2 parties. Total party-hours, 24½ (12 on foot, 9 by car, 3½ by plane); total party-miles, 126 (6 on foot, 50 by car, 70 by plane). Eared Grebe, 10,900; Western Grebe, 74; Pied-billed Grebe, 14; White Pelican, 5; Double-crested Cormorant, 418; Great Blue Heron, 24; Am. Egret, 31; Snowy Egret, 27; Green Heron, 6; Black-crowned Night Heron, 110; Am. Bittern, 3; White-faced Ibis, 150; Canada Goose, 750; White-fronted Goose, 160; Snow Goose, 9120; Ross's Goose, 20; Mallard, 270; Gadwall, 60; Am. Widgeon, 38,450; Pintail, 23,020; Green-winged Teal, **19,430**; Cinnamon Teal, 173; Shoveller, 7700; Redhead, 170; Ring-necked Duck, 7; Canvas-back, 6500; Lesser Scaup, 14,680; Am. Golden-eye, **1880**; Buffle-head, 660; Surf Scoter, 3; Ruddy Duck, 17,060; Red-breasted Merganser, 14; Turkey Vulture, 9; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Golden Eagle, 1; Marsh Hawk, 6; Prairie Falcon, 2; Pigeon Hawk, 1; Sparrow Hawk, 19; Gambel's Quail, 61; Ring-necked Pheasant, 4; Sandhill Crane, 3; Clapper Rail, 1; Virginia Rail, 1; Sora, 2; Florida Gallinule, 6; Am. Coot, 17,580; Ringed Plover, 2; Mountain Plover, 112; Killdeer, 29; Black-bellied Plover, 11; Ruddy Turnstone, 2; Wilson's Snipe, 3; Long-billed Curlew, 16; Hudsonian Curlew, 2; Willet, 31; Greater Yellow-legs, 307; Lesser Yellow-legs, **20**; Least Sandpiper, 27,000; Red-backed Sandpiper, 9; Long-billed Dowitcher, 816; **Stilt Sandpiper, 1** (carefully identified by both observers); Western Sandpiper, 10,806; Marbled Godwit, 193; Am. Avocet, 158; Black-necked Stilt, 11; Herring Gull, **660**; California Gull, 19; Ring-billed Gull, 6680; Forster's Tern, 1; Mourning Dove, 1280; Ground Dove, 2; Road-runner, 14; Barn Owl, 6; Screech Owl, 1; Burrowing Owl, 8; Short-eared Owl, 3; Anna's Hummingbird, 2; Belted Kingfisher, 2; Red-shafted Flicker, 6; Gila Woodpecker, 6; Ladder-backed Woodpecker, 6; Black Phoebe, 3; Say's Phoebe, 11; Vermilion Flycatcher, 1; Horned Lark, 4420; Tree Swallow, 1118; Common

Raven, 2; Verdin, 10; Bewick's Wren, 7; Cactus Wren, 8; Long-billed Marsh Wren, 14; Rock Wren, 2; Mockingbird, 4; Crissal Thrasher, 7; Sage Thrasher, 2; Mountain Bluebird, 781; Blue-gray Gnatcatcher, 9; Black-tailed Gnatcatcher, 14; Ruby-crowned Kinglet, 2; Water Pipit, 3618; Phainopepla, 5; Loggerhead Shrike, 31; Orange-crowned Warbler, 40; Audubon's Warbler, 217; Common Yellowthroat, 11; House Sparrow, 318; Western Meadowlark, 33; Yellow-headed Blackbird, 2170; Red-winged Blackbird, 11,981; Brewer's Blackbird, 112; Brown-headed Cowbird, 82; House Finch, 34; Am. Goldfinch, 3; Lesser Goldfinch, 2; Abert's Towhee, 18; Savannah Sparrow, 23; Lark Sparrow, 32; Black-throated Sparrow, 1; Sage Sparrow, 3; **Slate-colored Junco, 2** (carefully identified—J.T.); Oregon Junco, 21; Chipping Sparrow, 2; White-crowned Sparrow, 525; Lincoln's Sparrow, 4; **Swamp Sparrow, 1** (carefully identified—J.T.); Song Sparrow, 120. **Total,** 129 species; about 243,638 individuals.—Edward J. O'Neill, John Tramontano (compiler).

527. **San Bernardino, Calif.** (7½-mile radius centering at Inland Lake, including Warm Creek Wildlife Refuge, foothills of Del Rosa and San Bernardino, Santa Ana River wash; pond and cattail marshes 10%, deciduous woods 25%, chaparral 40%, suburbs and roadsides 10%, pasture 15%).—Dec. 27; 7 a.m. to 5 p.m. Clear; temp. 50° to 85°; wind NE, 5-30 m.p.h.; unusually dry. Twenty-three observers in 8 parties. Total party-hours, 36 (9 on foot, 27 by car); total party-miles, 90 (13 on foot, 77 by car). Pied-billed Grebe, 1; Great Blue Heron, 1; Green Heron, 2; **Snow Goose, 4; Gadwall, 1;** Am. Widgeon, 5; Green-winged Teal, 19; **Blue-winged Teal, 4** (carefully identified); Shoveller, 43; Lesser Scaup, 1; Ruddy Duck, 39; Sharp-shinned Hawk, 3; Cooper's Hawk, 3; Red-tailed Hawk, 11; Golden Eagle, 2; Marsh Hawk, 2; **Pigeon Hawk, 1**; Sparrow Hawk, 26; California Quail, 48; Ring-necked Pheasant, 1; Am. Coot, 63; Killdeer, **233**; **Wilson's Snipe, 24**; Spotted Sandpiper, 1; Mourning Dove, 8; Spotted Dove, 81; Road-runner, 3; Barn Owl, 4; Screech Owl, 1; **White-throated Swift, 5** (carefully identified); Anna's Hummingbird, 3; Belted Kingfisher, 1; Red-shafted Flicker, 35; Yellow-bellied Sapsucker, 3; Nuttall's Woodpecker, 1; Black Phoebe, 4; Say's Phoebe, 11; **Vermilion Flycatcher, 1** (present for weeks); Steller's Jay, 2; Scrub Jay, 63; Am. Crow, 149; Mountain Chickadee, 13; Plain Titmouse, 2; Common Bushtit, 34; Wren-tit, 19; Bewick's Wren, 8; Long-billed Marsh Wren, 1; Mockingbird, 54; California Thrasher, 10; Am. Robin, **920**; Hermit Thrush, 4; Western Bluebird, 27; Blue-gray Gnatcatcher, 1; Ruby-crowned Kinglet, 9; Water Pipit, 93; Cedar Waxwing, 178; Loggerhead Shrike, 9; **Black and White Warbler, 1** (carefully identified by good observer); Orange-crowned Warbler, 1; Audubon's Warbler, 129; Common Yellowthroat, 1; House Sparrow, 224; Western Meadowlark, 95; Red-winged Blackbird, 519; **Tricolored Blackbird, 4**; Brewer's Blackbird, 3942; **Brown-headed Cowbird, 13** (carefully identified by good observer); House Finch, 722; Am. Goldfinch, 60; Lesser Goldfinch, 50; Lawrence's Goldfinch, 7; Spotted Towhee, 15; Brown Towhee, 132; Savannah Sparrow, 72; Lark Sparrow, 23; Bell's Sparrow, 9; Oregon Junco, 48; **Gray-headed Junco, 1**; Chipping Sparrow, 5; White-crowned Sparrow, 118; Golden-crowned Sparrow, 41; **Fox Sparrow, 2**; Song Sparrow, 20. **Total,** 83 species; about 8549 individuals. (Seen count period: Am. Egret, Common Raven.)—Mrs. A. L. Campbell, Mrs. Helen Geeslin, Mrs. May Hess, Ellen Kidd, Mr. and Mrs. J. A. Kryder, Pat Mc Tarsney, Mildred Smith, Robert E. Mitchell, Mrs. Glenn Vaughn, Leora Walker, Mrs. Ethel West (compiler), Myrle Whitney, Mrs. Ann Wissler, John Goodman, Lee Goodman.

528. **San Diego, Calif.** (7½-mile radius centering at 30th St. and Ocean View Blvd.; ocean and rocky shore 7%, tide flats 5%, salt-water bays 9%, salt marshes 5%, fresh-water ponds and reservoirs 14%, open brushland 5%, dry brushy and rocky canyons 12%, willow thickets 3%, Live Oaks 1%, city parks 17%, suburban areas and yards 22%).—Dec. 29; 5 a.m. to 5:30 p.m. Mostly clear, a few light clouds; temp. 49° to 78°; wind W, 8-14 m.p.h. Thirty-four observers in 19 parties. Total party-hours, 138 (107 on foot, 29 by car, 2 by boat); total party-miles, 433 (55 on foot, 353 by car, 25 by boat). Common Loon, 1; Arctic Loon, 2; Red-throated Loon, 1; **Red-necked Grebe, 1**; Horned Grebe, **661**; Eared Grebe, **589**; Western Grebe, **310**; Pied-billed Grebe, **118**; White Pelican, 2; Brown Pelican, 370; Double-crested Cormorant, 1118; Brandt's Cormorant, **1517**; Pelagic Cormorant, 11; Great Blue Heron, 100; Am. Egret, 134; Snowy Egret, **211**; **Louisiana Heron, 1** (carefully identified); Green Heron, 15; Black-crowned Night Heron, 28; Am. Bittern, 1; **White-faced Ibis, 3**; **Whistling Swan, 2** (present for 2 weeks); Black Brant, **3158**; Mallard, **90**; Gadwall, 2; Am. Widgeon, 370; Pintail, 1168; Green-winged Teal, 354; **Blue-winged Teal, 3** (1 drake); Cinnamon Teal, 2; Shoveller, 551; **Wood Duck, 2**; Ring-necked Duck, 2; Canvas-back, 27; **Greater Scaup, 13** (carefully identified); Lesser Scaup, 5740; Am. Golden-eye, **60**; Buffle-head, **1186**; White-winged Scoter, 5; Surf Scoter, 7208; **Am. Scoter, 6** (carefully identified); Ruddy Duck, **2281**; **Am. Merganser, 11**; Red-breasted Merganser, 92; White-tailed Kite, 2; Sharp-shinned Hawk, 6; Cooper's Hawk, 7; Red-tailed Hawk, 14; Red-shouldered Hawk, 1; Golden Eagle, 1; Marsh Hawk, 8; **Osprey, 1** (all field marks); Pigeon Hawk, 2; Sparrow Hawk, 41; California Quail, 309; Ring-necked Pheasant, 1; Clapper Rail, 12; **Virginia Rail, 1**; Sora, 1; Florida Gallinule, 16; Am. Coot, 724; Snowy Plover, 50; Ringed Plover, 151; Wilson's Plover, 1; Killdeer, 387; Black-bellied Plover, 397; Surf-bird, 9; Ruddy Turnstone, **104**; Black Turnstone, 97; Wilson's Snipe, 12; Long-billed Curlew, 86; Hudsonian Curlew, 17; Spotted Sandpiper, 6; **Wandering Tattler, 1**; Willet, 752; Greater Yellow-legs, 31; **Lesser Yellow-legs, 9**; Least Sandpiper, 33; Red-backed Sandpiper, 190; Dowitcher, 659; Western Sandpiper, 1348; Marbled Godwit, 845; Sanderling, 56; Am. Avocet, 25; Black-necked Stilt, 18; Parasitic Jaeger, 1; Glaucous-winged

Gull, 14; Western Gull, 1332; Herring Gull, 163; California Gull, 1077; Ring-billed Gull, 2886; **Short-billed Gull, 45**; Bonaparte's Gull, **2295**; Heermann's Gull, 1; Forster's Tern, 40; Royal Tern, 14; Caspian Tern, 11; Mourning Dove, 346; Spotted Dove, 6; Road-runner, 18; Barn Owl, 2; Screech Owl, 6; Horned Owl, 6; Burrowing Owl, 2; Long-eared Owl, 3; Short-eared Owl, 6; **Black-chinned Hummingbird, 3** (2 parties); **Costa's Hummingbird, 1** (R.E.M.); Anna's Hummingbird, 67; Belted Kingfisher, 9; Red-shafted Flicker, 15; Yellow-bellied Sapsucker, 5; Nuttall's Woodpecker, 1; Black Phoebe, 56; Say's Phoebe, 16; **Empidonax Flycatcher** (probably western), 1; **Vermilion Flycatcher, 1**; Horned Lark, 92; Violet-green Swallow, 4; Tree Swallow, 162; Barn Swallow, 3; Scrub Jay, 35; Common Raven, 2; Am. Crow, 8; **Mountain Chickadee, 1**; Plain Titmouse, 2; Common Bushtit, 488; **White-breasted Nuthatch, 2**; **Red-breasted Nuthatch, 1** (carefully identified); Wren-tit, 86; House Wren, 5; Bewick's Wren, 8; Long-billed Marsh Wren, 7; Rock Wren, 3; Mockingbird, 160; California Thrasher, 37; Am. Robin, **543**; **Olive-backed Thrush, 1**; Hermit Thrush, 17; Western Bluebird, 48; Mountain Bluebird, 73; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 16; Water Pipit, 165; Cedar Waxwing, 122; **Phainopepla, 1** (present for weeks); Loggerhead Shrike, 49; Hutton's Vireo, 2; Orange-crowned Warbler, 2; Audubon's Warbler, 1133; Common Yellowthroat, 21; **Black-capped Warbler, 15** (seen by 5 observers in 3 parties); House Sparrow, 130; Western Meadowlark, 143; Red-winged Blackbird, 1081; Tricolored Blackbird, 23; Brewer's Blackbird, 963; Brown-headed Cowbird, 3; Western Tanager, 1; Evening Grosbeak, 1; Purple Finch, 4; House Finch, 752; Am. Goldfinch, 3; Lesser Goldfinch, 95; Lawrence's Goldfinch, 3; **Green-tailed Towhee, 1** (daily at feeder); Spotted Towhee, 25; Brown Towhee, 140; Savannah Sparrow, 279; Lark Sparrow, 6; Rufous-crowned Sparrow, 15; Sage Sparrow, 1; Oregon, Junco, 32; Chipping Sparrow, 2; White-crowned Sparrow, **549**; Golden-crowned Sparrow, 2; Fox Sparrow, 7; Lincoln's Sparrow, 2; Song Sparrow, 24. **Total,** 179 species (2 additional subspecies); about 50,013 individuals. (Seen official count period: Canada Goose, Townsend's Warbler, Slate-colored Junco.) [Exceptionally neat, carefully prepared report with excellent details for all unusual observations—ED.]—Betty Barham, John Bishop, Marilyn Bishop, James E. Crouch (compiler), Edith Curry, Margaret Ellis, Frank Gander, Maureen Heraty, Juanita Latter, Margaret R. Leavitt, Mrs. Edwin B. Mead, Ruth E. Munson, Andrew C. Olson, Robbie B. Parks, P. E. Popejoy, Mrs. P. E. Popejoy, W. H. Putnam, Ethelwyn H. Putnam, Jane C. Richey, Boyd Robinson, Minta Robinson, Jo Roloff, J. S. Roux, John Salyer, Eva C. Schafer, Mrs. C. W. Scholl, C. Jackson Selsor, Harriet P. Snyder, Lee Sterrenburg, John Steward, Ken Stott, Jr., E. C. Trowbridge, Margaret Van Wert, Mrs. H. J. Wilson (San Diego Audubon Society, San Diego State College).

529. San Francisco, Calif. (including Marina, Lincoln Park, Twin Peaks, Sutro Forest, Land's End, Presidio, Golden Gate Park, Stern Grove, Treasure Island, Goat Island, San Francisco Bayshore, Pacific Ocean Beach, Seal Rocks, Lake Merced, Fleishhacker Area, Marin Shoreline, McLaren Park; park 35%, bay 25%, ocean 9%, fresh-water lakes 6%, open fields 4%, other 21%).—Dec. 23; 7:30 a.m. to 4:30 p.m. Clear; temp. 44° to 64°; wind variable, 5 m.p.h. Thirty-five observers in 14 parties. Total party-hours 94 (54 on foot, 40 by car); total party-miles, 190 (56 on foot, 134 by car). Common Loon, 3; Arctic Loon, 5; Red-throated Loon, 18; loon (sp.), 1; Red-necked Grebe, 4; Horned Grebe, 58; Eared Grebe, 21; Western Grebe, 898; Pied-billed Grebe, 88; White Pelican, 36; Brown Pelican, 27; Double-crested Cormorant, 192; Brandt's Cormorant, 2197; Pelagic Cormorant, 36; cormorant (sp.), 12,466; Great Blue Heron, 3; Am. Egret, 5; Snowy Egret, 1; Green Heron, 2; Black-crowned Night Heron, 21; White-fronted Goose, 1; Mallard, 585; Am. Widgeon, 603; Pintail, 1; Green-winged Teal, 14; Shoveller, 9; Ring-necked Duck, 33; Canvas-back, 34; Lesser Scaup, 21; Buffle-head, 7; White-winged Scoter, 53; Surf Scoter, 503; Ruddy Duck, 423; Red-breasted Merganser, 17; Sharp-shinned Hawk, 1; Red-tailed Hawk, 7; Sparrow Hawk, 10; California Quail, 85; Sora, 1; Am. Coot, 1181; Ringed Plover, 2; Killdeer, 298; Black-bellied Plover, 21; Surf-bird, 4; Ruddy Turnstone, 2; Black Turnstone, 14; Spotted Sandpiper, 3; Willet, 16; Least Sandpiper, 32; Red-backed Sandpiper, 75; Western Sandpiper, 87; Sanderling, 769; Glaucous-winged Gull, 2285; Western Gull, 2398; Herring Gull, 94; California Gull, 1588; Ring-billed Gull, 615; Short-billed Gull, 1395; Bonaparte's Gull, 212; gull (sp.), 2121; Forster's Tern, 5; Common Murre, 4; Ancient Murrelet, 6; Cassin's Auklet, 1; Mourning Dove, 1; Anna's Hummingbird, 87; Belted Kingfisher, 3; Red-shafted Flicker, 47; Downy Woodpecker, 4; Black Phoebe, 33; Scrub Jay, 11; Common Raven, 5; Chestnut-backed Chickadee, 72; Common Bushtit, 84; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 15; Wren-tit, 5; Winter Wren, 1; Bewick's Wren, 5; Long-billed Marsh Wren, 2; Am. Robin, 221; Hermit Thrush, 12; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 14; Water Pipit, 23; Loggerhead Shrike, 14; Hutton's Vireo, 3; Orange-crowned Warbler, 1; Audubon's Warbler, 109; Townsend's Warbler, 1; Common Yellowthroat, 4; House Sparrow, 476; Western Meadowlark, 131; Brewer's Blackbird, 738; Purple Finch, 14; House Finch, 551; Pine Siskin, 10; Lesser Goldfinch, 5; Spotted Towhee, 6; Oregon Junco, 157; White-crowned Sparrow, 507; Golden-crowned Sparrow, 54; Fox Sparrow, 64; Song Sparrow, 58. **Total,** 101 species; about 35,272 individuals.— L. V. Bartow, A. J. Bennett, C. L. Carson, R. R. Chase, J. T. Hedgpeth, L. R. Leinbach, Arthur H. Myer (compiler), L. P. Smith, P. A. Veitch, F. Zografos, Jr.

530. San Jose, Calif. (7½-mile radius centering at Capitol Ave. and Mabury Rd., including Alviso, Calaveras Reservoir, Hall's Valley, Evergreen; deciduous orchard 25%, grassland 20%, canyon stream 14%, oak woodland 13%, reservoirs 12%, salt-

water marsh and mudflat 8%, town suburbs 4%, chaparral and brushy field 3%, golf course 1%).—Dec. 23; 8 a.m. to 4:30 p.m. Clear; temp. 34° to 58°; wind NW, 0-5 m.p.h.; upland habitats dry, precipitation below normal. Twenty-five observers in 7 parties. Total party-hours, 49 (31 on foot, 18 by car); total party-miles, 252 (29 on foot, 223 by car). Eared Grebe, 26; Pied-billed Grebe, 4; Double-crested Cormorant, 12; Great Blue Heron, 2; Am. Egret, 2; Snowy Egret, 2; Black-crowned Night Heron, 2; Canada Goose, 1400; Gadwall, 7; Am. Widgeon, 2; Pintail, 133; Green-winged Teal, 55; Shoveller, 900; Wood Duck, 6; Canvas-back, 1; Am. Golden-eye, 2; Buffle-head, 2; Ruddy Duck, 613; Red-breasted Merganser, 4; ducks (sp.), 500; White-tailed Kite, 10; Sharp-shinned Hawk, 4; Cooper's Hawk, 1; Red-tailed Hawk, 29; Golden Eagle, 3; Marsh Hawk, 1; Prairie Falcon, 1; Sparrow Hawk, 48; California Quail, 89; Ring-necked Pheasant, 1; Clapper Rail, 1; Am. Coot, 1834; Killdeer, 260; Wilson's Snipe, 9; Willet, 35; Greater Yellow-legs, 6; Least Sandpiper, 299; Red-backed Sandpiper, 18; Dowitcher, 70; Western Sandpiper, 253; Marbled Godwit, 2; Am. Avocet, 6; Glaucous-winged Gull, 27; Herring Gull, 346; California Gull, 11; Ring-billed Gull, 194; Bonaparte's Gull, 242; gulls (sp.), 3500; Band-tailed Pigeon, 29; Mourning Dove, 60; Barn Owl, 1; Burrowing Owl, 2; Anna's Hummingbird, 12; Belted Kingfisher, 3; Red-shafted Flicker, 111; Acorn Woodpecker, 33; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 3; Downy Woodpecker, 4; Nuttall's Woodpecker, 9; Black Phoebe, 34; Say's Phoebe, 5; Horned Lark, 22; Steller's Jay, 85; Scrub Jay, 157; Yellow-billed Magpie, 36; Am. Crow, 70; Chestnut-backed Chickadee, 38; Plain Titmouse, 26; Common Bushtit, 154; White-breasted Nuthatch, 11; Brown Creeper, 5; Wren-tit, 7; Am. Dipper, 1; Winter Wren, 1; Bewick's Wren, 17; Rock Wren, 3; Mockingbird, 72; California Thrasher, 3; Am. Robin, 1543; Varied Thrush, 1; Hermit Thrush, 12; Western Bluebird, 51; Ruby-crowned Kinglet, 41; Water Pipit, 58; Cedar Waxwing, 28; Loggerhead Shrike, 42; Hutton's Vireo, 9; Orange-crowned Warbler, 1; Audubon's Warbler, 530; Townsend's Warbler, 2; House Sparrow, 718; Western Meadowlark, 427; Red-winged Blackbird, 428; Brewer's Blackbird, 3492; Evening Grosbeak, 2; House Finch, 1356; Am. Goldfinch, 89; Lesser Goldfinch, 539; Spotted Towhee, 24; Brown Towhee, 157; Savannah Sparrow, 34; Lark Sparrow, 70; Oregon Junco, 516; White-crowned Sparrow, 1530 (including Gambel's and Puget Sound subspecies at banding station—L.R.M.); Golden-crowned Sparrow, 566; Fox Sparrow, 5; Lincoln's Sparrow, 9; Song Sparrow, 90. **Total,** 107 species (1 additional subspecies); about 24,364 individuals. (Seen in area count period: Long-billed Curlew.)—Virginia P. Bothwell, Grace Brubaker, Frank Cantu, Caroline Davis, Alberta Edell, Francis Goraj, Jane Taylor Goraj, Charlotte A. McBride, L. Richard Mewaldt (compiler), Esther Ollis, Kenneth A. Phelps, Ora S. Phelps, Anne Peterson, Jim Peterson, Agnes Prusman, Clyde Prusman, Emily Smith, Angelina W. Snow, E. Taylor, Mary Taylor, Henry G. Weston, Robert Wood, Albert J. Wool, Charles Zwaal, Fanny Zwaal (Santa Clara Valley Audubon Society).

531. Tomales Bay, Calif. (7½-mile radius centering approximately 2½ miles west of Marshall, including Tomales Pt., Dillon's Beach, Drake's Estero, Abbott's Lagoon, Tomales Bay State Park, Inverness area; ocean and rocky shores 10%, tide flats 10%, bays 35%, fresh-water ponds 5%, fresh-water marsh 2%, salt marsh 3%, open fields 5%, brush 5%, coniferous forest 25%).—Jan. 1; 4.30 a.m. to 4:30 p.m. Mostly clear, fog early a.m.; temp. 31° to 56°; wind variable, 0-10 m.p.h. Ten observers in 4 parties. Total party-hours, 39 (23 on foot, 16 by car); total party-miles, 143 (38 on foot, 105 by car). Common Loon, 10; Arctic Loon, 7; Red-throated Loon, 29; Red-necked Grebe, 1; Horned Grebe, 381; Eared Grebe, 70; Western Grebe, 89; Pied-billed Grebe, 16; White Pelican, 50; Brown Pelican, 53; Double-crested Cormorant, 364; Brandt's Cormorant, 4771; Pelagic Cormorant, 202; Great Blue Heron, 7; Am. Egret, 2; Snowy Egret, 1; Black-crowned Night Heron, 15; **Am. Bittern, 2** (flushed repeatedly, carefully studied); **Whistling Swan, 1**; Black Brant, 3542; Mallard, 10; Gadwall, 3; Am. Widgeon, 12; Pintail, 15; Green-winged Teal, 4; Shoveller, 1; Canvas-back, 2; Greater Scaup, 14; Lesser Scaup, 30; Am. Golden-eye, 21; Buffle-head, 14; Old-squaw, **13**; Harlequin Duck, **15**; White-winged Scoter, 45; Surf Scoter, 3076; Ruddy Duck, 3719; Am. Merganser, 5; Red-breasted Merganser, 61; Turkey Vulture, 26; White-tailed Kite, 1; Sharp-shinned Hawk, 2; Red-tailed Hawk, 29; Red-shouldered Hawk, 1; Marsh Hawk, 2; Peregrine Falcon, 1; Sparrow Hawk, 49; California Quail, 90; Ring-necked Pheasant, 1; Am. Coot, 3538; Black Oyster-catcher, 16; Ringed Plover, 37; Killdeer, 77; Black-bellied Plover, 13; Surf-bird, 6; Black Turnstone, **240**; Wilson's Snipe, 24; Spotted Sandpiper, 1; Willet, 70; Greater Yellow-legs, 8; Least Sandpiper, 68; Red-backed Sandpiper, 5260; Dowitcher, 7; Western Sandpiper, 2162; Sanderling, 177; Glaucous-winged Gull, 342; Western Gull, 312; Herring Gull, 52; California Gull, 47; Ring-billed Gull, 51; Short-billed Gull, 1; Bonaparte's Gull, 1; Common Murre, 2; Pigeon Guillemot, **200**; Ancient Murrelet, 8; Band-tailed Pigeon, 152; Mourning Dove, 1; Barn Owl, 1; Horned Owl, 13; Anna's Hummingbird, 8; Belted Kingfisher, 4; Red-shafted Flicker, 38; Acorn Woodpecker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 1; Black Phoebe, 37; Say's Phoebe, 10; Horned Lark, 6; Steller's Jay, 16; Scrub Jay, 29; Common Raven, 25; Am. Crow, 28; Chestnut-backed Chickadee, 20; Common Bushtit, 14; Pygmy Nuthatch, 16; Brown Creeper, 6; Wren-tit, 80; Winter Wren, 9; Bewick's Wren, 20; Long-billed Marsh Wren, 16; **Mockingbird, 1**; Am. Robin, 59; Varied Thrush, 3; Hermit Thrush, 7; Western Bluebird, 43; Mountain Bluebird, 6; Ruby-crowned Kinglet, 94; Water Pipit, 47; Loggerhead Shrike, 8; Common Starling, 88; Hutton's Vireo, 2; Orange-crowned Warbler, 1; Myrtle Warbler, 8; Audubon's Warbler, 199; Common Yellowthroat, 10; House Sparrow, 300; Western Meadowlark, 487; Red-winged Blackbird, 300; Tricolored Blackbird, 10;

Brewer's Blackbird, 493; Brown-headed Cowbird, 2; Purple Finch, 20; House Finch, 139; Pine Siskin, 256; Am. Goldfinch, 1; Spotted Towhee, 14; Brown Towhee, 2; Savannah Sparrow, 62; Oregon Junco, 22; White-crowned Sparrow, 425; Golden-crowned Sparrow, 13; Fox Sparrow, 20; Lincoln's Sparrow, 3; **Swamp Sparrow, 1** (carefully identified—10 observers); Song Sparrow, 131. **Total,** 134 species; about 33,427 individuals. (Seen count period: Am. Scoter, Cooper's Hawk.) [Exceptionally neat, carefully prepared report—Ed.]—Alan M. Craig (compiler), A. Laurence Curl, George E. Gifford, Tom Grimes, Charles Hines, Phyllis Lindley, Paul Opler, Betty Orians, Gordon Orians, Peter A. Veitch.

532. Topanga Canyon Road, Calif. (15-mile diameter, including Topanga Canyon Road at Pacific Coast Highway, coastal beaches, Will Rogers State Park, Santa Ynez Canyon, Temescal Canyon Bird Sanctuary; chaparral slopes 10%, mixed forest growth 30%, salt-water shore 50%, fresh-water lake 10%).—Dec. 28; 6:30 a.m. to 4:30 p.m. Clear; temp. 50° to 70°; no wind; due to fire which destroyed thousands of acres of forest and brush as well as animal and bird life, some of the same area reported on last year could not be covered. One observer. Total hours, 10 (5 on foot, 5 by car); total miles, 52 (8 on foot, 44 by car). Western Grebe, 11; Pied-billed Grebe, 1; Brown Pelican, 37; Double-crested Cormorant, 2; Ruddy Duck, 1; **Hooded Merganser, 1**; Sparrow Hawk, 1; California Quail, 6; Am. Coot, 11; Snowy Plover, 2; Killdeer, 14; Black-bellied Plover, 2; Hudsonian Curlew, 1; Willet, 3; Marbled Godwit, 6; Sanderling, 13; Western Gull, 31; California Gull, 50; Ring-billed Gull, 3; Heermann's Gull, 3; Mourning Dove, 13; Spotted Dove, 1; Anna's Hummingbird, 3; Red-shafted Flicker, 3; Acorn Woodpecker, 2; Nuttall's Woodpecker, 1; Black Phoebe, 1; Scrub Jay, 9; Common Bushtit, 15; Wren-tit, 11; House Wren, 1; Mockingbird, 9; California Thrasher, 1; Am. Robin, 8; Hermit Thrush, 3; Ruby-crowned Kinglet, 1; Audubon's Warbler, 26; Brewer's Blackbird, 41; House Finch, 37; Lesser Goldfinch, 2; Spotted Towhee, 7; Brown Towhee, 10; Oregon Junco, 19; Gray-headed Junco, 1; White-crowned Sparrow, 4; Fox Sparrow, 1; Song Sparrow, 1. **Total,** 47 species; about 430 individuals.—Earle R. Greene.

533. Tule Lake and Lower Klamath National Wildlife Refuges, Calif. (within 7½-mile radius of center of Section 22, T-47-N, R-3-E; marsh and open water 38%, fields 30%, grass and sagebrush upland 31%, willow-edge and scattered juniper 1%).—Dec. 30; 8 a.m. to 7:30 p.m. Clear; temp. 28° to 55°; wind NW, 2-6 m.p.h.; water frozen except for canals with current and holes maintained by waterfowl. Four observers in 2 parties. Total party-hours, 17 (1 on foot, 16 by car); total party-miles, 103 (1 on foot, 102 by car). Eared Grebe, 2; Pied-billed Grebe, 9; White Pelican, 2; Great Blue Heron, 14; Whistling Swan, 3530; Canada Goose, 1545 (487 Cackling); White-fronted Goose, 2739; Snow Goose, 34; **Ross's Goose, 2**; Mallard, 13,320; Gadwall, 8; Am. Widgeon, 12,044; Pintail, 16,343; Green-winged Teal, 130; Shoveller, 5045; Redhead, 16; Ring-necked Duck, 192; Canvas-back, 1118; Lesser Scaup, 2976; Am. Golden-eye, 24; Buffle-head, 83; Ruddy Duck, 706; Hooded Merganser, 26; Am. Merganser, 45; Red-tailed Hawk, 6; Rough-legged Hawk, 17; Golden Eagle, 2; Bald Eagle, 15; Marsh Hawk, 44; Prairie Falcon, 1; Sparrow Hawk, 5; California Quail, 51; Ring-necked Pheasant, 83; Am. Coot, 1393; Killdeer, 19; Ring-billed Gull, 30; Horned Owl, 1; Short-eared Owl, 6; Red-shafted Flicker, 16; Horned Lark, 4; Am. Magpie, 8; Common Raven, 6; Am. Robin, 2; Gray Shrike, 7; House Sparrow, 47; Western Meadowlark, 7; Red-winged Blackbird, 6; Brewer's Blackbird, 40; House Finch, 213; Oregon Junco, 12; Song Sparrow, 17. **Total,** 51 species (1 additional subspecies); about 62,011 individuals. [Exceptionally neat, carefully prepared report—Ed.]—Burt DeGraw, Jr., Robert Giles, LeRoy W. Giles (compiler), Thomas C. Horn.

534. Yosemite National Park, Calif. (15-mile diameter in canyon of Merced River, including Yosemite Valley, Wawona and Glacier Point Roads to Badger Pass, North Rim of Yosemite Valley to Foresta; 2000-7600 ft.; lakeshore 1%, swamp 2%, semi-open hillsides 21%, meadow 12%, riverbanks 30%, coniferous forests 34%).—Dec. 31; 6:30 a.m. to 4:30 p.m. Clear; temp. 25° to 68°; no wind; water frozen and patches of snow only at higher elevations. Seventeen observers in 5 parties. Total party-hours, 47 (31 on foot, 16 by car); total party-miles, 129 (22 on foot, 107 by car). Red-tailed Hawk, 5; Golden Eagle, 4; Sparrow Hawk, 3; California Quail, 1; Band-tailed Pigeon, 169; Mourning Dove, 8; Pygmy Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 14; Acorn Woodpecker, 24; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 4; Nuttall's Woodpecker, 1; White-headed Woodpecker, 5; Black Phoebe, 7; Steller's Jay, 63; Scrub Jay, 26; Mountain Chickadee, 106; Plain Titmouse, 18; Common Bushtit, 76; Red-breasted Nuthatch, 11; Brown Creeper, 11; Wren-tit, 7; Am. Dipper, 12; Bewick's Wren, 2; Cañon Wren, 4; Rock Wren, 3; California Thrasher, 1; Am. Robin, 301; Hermit Thrush, 6; Western Bluebird, 2; Townsend's Solitaire, 5; Golden-crowned Kinglet, 239; Ruby-crowned Kniglet, 40; Hutton's Vireo, 3; Audubon's Warbler, 12; Brewer's Blackbird, 5; Pine Grosbeak, 6; Evening Grosbeak, 6; Purple Finch, 52; Cassin's Finch, 55; House Finch, 30; Pine Siskin, 23; Lesser Goldfinch, 75; Spotted Towhee, 33; Brown Towhee, 42; Lark Sparrow, 150; Rufous-crowned Sparrow, 2; Slate-colored Junco, 1; Oregon Junco, 333; White-crowned Sparrow, 2; Golden-crowned Sparrow, 42; Fox Sparrow, 1; Song Sparrow, 2. **Total,** 55 species; about 2066 individuals. [Exceptionally neat, carefully prepared report—Ed.]—Robert Carpenter, Katharine Coakley, Grace Ewing, Erma Fitzpatrick, Michael Fitzpatrick, W. J. Fitzpatrick (compiler), Glenn Gallison, Vergena Koller, Mickey Ligon, Laura Mc Intyre, Robert Mc Intyre, Robert Mc Intyre, Jr., Marguerite Radigan, Dudley Ross, Vivian Ross, Verle Sutton, Mary Curry Tresidder.

SUMMARY OF HIGHEST COUNTS OF INDIVIDUALS

by Stephen W. Simon

The 1956 Christmas Bird Count recorded a total of 480 species. This is six short of last year's record-breaking count of 486 species (corrected total) but is higher than the total of any other year.

Left out of the 1955 summary was the Pomarine Jaeger, 1 (*Fla.*, Atlantic Ocean off Cocoa Beach), which is a probable addition to the all-time list. The birds added to the all-time list this year are the Smooth-billed Ani, Chestnut-sided Warbler and Botteri's Sparrow.

The five census areas listing the greatest number of high counts were Coot Bay, Florida, 41; Laguna Atascosa, Texas, 38; Santa Ana, Texas, 23; Cocoa, Florida, 17 and Sacramento, California, 15.

The entries marked [no details—Ed.] have not been included in this summary.

Common Loon, 67 (*R. I.*, So. Kingstown); Arctic Loon, 16 (*Wash.*, Orcas); Red-throated Loon, 107 (*Md.*, Ocean City); Red-necked Grebe, 73 (*Wash.*, Seattle); Horned Grebe, 661 (*Calif.*, San Diego); Eared Grebe, 10,900 (*Calif.*, Salton Sea); Least Grebe, 4 (*Tex.*, Carrizo Springs and Santa Ana); Western Grebe, 1308 (*Wash.*, Harper); Pied-billed Grebe, 252 (*Fla.*, Coot Bay); White Pelican, 1473 (*Fla.*, Coot Bay); Brown Pelican, 660 (*Fla.*, Coot Bay); Gannet, 350 (*Del.*, Rehoboth; *N. Y.*, Montauk); European Cormorant, 119 (*Mass.*, Quincy); Double-crested Cormorant, 1365 (*Fla.*, St. Petersburg); Olivaceous Cormorant, 26 (*Tex.*, Laguna Atascosa); Brandt's Cormorant, 4771 (*Calif.*, Tomales Bay); Pelagic Cormorant, 202 (*Calif.*, Tomales Bay); Anhinga (Water-turkey), 55 (*Fla.*, St. Marks); Magnificent Frigate-bird (Man-o'-war-bird), 10 (*Fla.*, Lower Keys).

Great White Heron, 150 (*Fla.*, Coot Bay); Great Blue Heron, 149 (*Tex.*, Laguna Atascosa); Würdemann's Heron, 1 (*Fla.*, Lower Keys and Key Largo); Am Egret, 426 (*Fla.*, Coot Bay); Snowy Egret, 582 (*Fla.*, Myakka); Reddish Egret, 120 (*Tex.*, Laguna Atascosa); Louisiana Heron, 262 (*Fla.*, Coot Bay); Little Blue Heron, 218 (*Fla.*, Coot Bay); Cattle Egret, 57 (*Fla.*, Cocoa); Green Heron, 22 (*Fla.*, Coot Bay); Black-crowned Night Heron, 208 (*Fla.*, Jacksonville); Yellow-crowned Night Heron, 24 (*Fla.*, St. Petersburg); Am. Bittern, 10 (*Ga.*, Okefenoke Refuge); Least Bittern, 3 (*Fla.*, Cocoa and West Palm Beach); Wood Ibis, 272 (*Fla.*, Myakka); Glossy Ibis, 72 (*Fla.*, Cocoa); White-faced Ibis, 250 (*La.*, Sabine Refuge); White Ibis, 3612 (*Fla.*, Myakka); Roseate Spoonbill, 126 (*Fla.*, Key Largo); Am. Flamingo, 5 (*Fla.*, Coot Bay).

Mute Swan, 116 (*N. Y.*, Cent. Suffolk Co.); Whistling Swan, 4825 (*Md.*, St. Michaels); Canada Goose, 36,320 (*Ill.*, Crab Orchard Refuge); Am. Brant, 140,000 (*N. J.*, Oceanville); Black Brant, 3542 (*Calif.*, Tomales Bay); White-fronted Goose, 2739 (*Calif.*, Tule Lake); Snow Goose, 20,000 (*La.*, Sabine Refuge); Blue Goose; 30,000 (*La.*, Sabine Refuge); Ross's Goose, 20 (*Calif.*, Salton Sea); Fulvous Tree-duck, 14 (*Fla.*, Cocoa); Mallard, 200,000 (*Ind.*, Willow Slough); Black Duck, 32,000 (*N. J.*, Oceanville); Mottled Duck, 120 (*Fla.*, Myakka); Gadwall, 4600 (*Ala.*, Mobile); European Widgeon, 1 (*N. J.*, Cape May; Conn., New London; *N. Y.*, Brooklyn, So. Suffolk Co. and Bronx; *N. J.*, Lakehurst); Am. Widgeon, 38,450 (*Calif.*, Salton Sea); Pintail, 31,493 (*Tex.*, Laguna Atascosa); Green-winged Teal, 19,430 (*Calif.*, Salton Sea); Blue-winged Teal, 246 (*Fla.*, Coot Bay); Cinnamon Teal, 173 (*Calif.*, Salton Sea); Shoveller, 17,015 (*Calif.*, Crystal Springs); Wood Duck, 403 (*Va.*, Hopewell); Redhead, 147,676 (*Tex.*, Laguna Atascosa); Ring-necked Duck, 3000 (*Tenn.*, Reelfoot Lake); Canvas-back, 10,000 (*Md.*, Ocean City); Greater Scaup, 15,320 (*N. Y.*, Staten Is.); Lesser Scaup, 14,680 (*Calif.*, Salton Sea); Am. Golden-eye, 2733 (*Mont.*, Great Falls); Barrow's Golden-eye, 17 (*Utah*, Logan); Buffle-head, 1186 (*Calif.*, San Diego); Old-squaw, 2046 (*Ind.*, Michigan City); Harlequin Duck, 18 (*Wash.*, Orcas); Common Eider, 3300 (*Me.*, Acadia Nat'l Park); King Eider, 3 (*N. J.*, Barnegat); White-winged Scoter, 6008 (*Mass.*, Nantucket); Surf Scoter, 7208 (*Calif.*, San Diego); Am. Scoter, 1650 (*Md.*, Ocean City); Ruddy Duck, 20,188 (*Pa.*, Glenolden); Hooded Merganser, 570 (*N. J.*, Oceanville); Am. Merganser, 15,012 (*Idaho*, Nampa); Red-breasted Merganser, 1070 (*N. Y.*, Buffalo).

Turkey Vulture, 920 (*Md.*, Ocean City); Black Vulture, 518 (*Ga.*, Sherwood); White-tailed Kite, 28 (*Calif.*, Orange Co., Cent.); Goshawk, 3 (*Sask.*, Carlton); Sharp-shinned Hawk, 18 (*Tex.*, Laguna Atascosa); Cooper's Hawk, 16 (*Tex.*, Laguna Atascosa); Red-tailed Hawk, 99 (*Calif.*, Sacramento); Harlan's Hawk, 7 (*Kans.*, Baldwin); Red-shouldered Hawk, 58 (*Fla.*, Coot Bay); Broad-winged Hawk, 7 (*Fla.*, Key Largo and Key West); Swainson's Hawk, 2 (*Nebr.*, Hastings; *Kans.*, Hays and Kirwin Refuge; *N. Mex.*, Clayton; *Tex.*, Laguna Atascosa); White-tailed Hawk, 8 (*Tex.*, Laguna Atascosa); Short-tailed Hawk, 4 (*Fla.*, Coot Bay); Rough-legged Hawk, 135 (*Oreg.*, Fort Klamath); Ferruginous Hawk, 7 (*N. Mex.*, Clayton); Harris's Hawk, 110 (*Tex.*, Laguna Atascosa); Golden Eagle, 13 (*Utah*, Bear River); Bald Eagle, 84 (*Iowa*, Davenport); Marsh Hawk, 152 (*Tex.*, Laguna Atascosa); Osprey, 41 (*Fla.*, Key Largo); Audubon's Caracara, 43 (*Tex.*, Laguna Atascosa); Gyrfalcon, 1 (*Que.*, Quebec); Prairie Falcon, 4 (*N. Mex.*, Clayton); Peregrine Falcon, 14 (*Fla.*, Coot Bay); Pigeon Hawk, 4 (*La.*, Sabine Refuge); Sparrow Hawk, 376 (*Calif.*, Sacramento).

Chachalaca, 33 (*Tex.*, Santa Ana); Ruffed Grouse, 39 (*Me.*, Webster Corner); Greater Prairie Chicken, 72 (*Wis.*, Bancroft); Sharp-tailed Grouse, 63 (*Sask.*, Yorkton); Sage Hen, 9 (*Nev.*, Ruby Lake); European Partridge, 61 (*N. Dak.*, Des Lacs Refuge); Rock Partridge, 1 (*Calif.*, Los Angeles); Bob-white, 279 (*Ohio*, Buckeye Lake); Scaled Quail, 451 (*N. Mex.*, Clayton); California Quail, 338 (*Calif.*,

Sacramento); Gambel's Quail, 515 (*Ariz.*, Phoenix); Mountain Quail, 8 (*Calif.*, Pasadena); Ring-necked Pheasant, 662 (*Iowa*, Union Slough Refuge); Turkey, 138 (*Fla.*, Myakka); Whooping Crane, 23 (*Tex.*, Aransas); Sandhill Crane, 41,000 (*Tex.*, Muleshoe); Limpkin, 16 (*Fla.*, St. Marks); King Rail, 42 (*Fla.*, Cocoa); Clapper Rail, 113 (*N. C.*, Wilmington); Virginia Rail, 24 (*Md.*, So. Dorchester Co.); Sora, 54 (*Fla.*, Cocoa); Florida Gallinule, 56 (*Fla.*, St. Petersburg); Am. Coot, 17,580 (*Calif.*, Salton Sea).

Am. Oyster-catcher, 53 (*S. C.*, Charleston); Black Oyster-catcher, 18 (*Calif.*, Monterey); Piping Plover, 217 (*Tex.*, Laguna Atascosa); Snowy Plover, 65 (*Tex.*, Laguna Atascosa); Ringed Plover, 556 (*Tex.*, Laguna Atascosa); Wilson's Plover, 30 (*Fla.*, Coot Bay); Mountain Plover, 876 (*Calif.*, Orange Co., Cent.); Killdeer, 1916 (*Calif.*, Sacramento); Am. Golden Plover, 1 (*Calif.*, Orange Co., Cent.); Black-bellied Plover, 1115 (*Calif.*, Oakland); Surf-bird, 9 (*Calif.*, San Diego); Ruddy Turnstone, 243 (*Fla.*, St. Petersburg); Black Turnstone, 240 (*Calif.*, Tomales Bay); Am. Woodcock, 8 (*N. C.*, Wilmington); Wilson's Snipe, 163 (*Ala.*, Marion); Long-billed Curlew, 520 (*Tex.*, Laguna Atascosa); Hudsonian Curlew, 29 (*Calif.*, Orange Co., Cent.); Spotted Sandpiper, 52 (*Fla.*, Coot Bay); Solitary Sandpiper, 2 (*Fla.*, Cocoa); Wandering Tattler, 7 (*Calif.*, Orange Co., Cent.); Willet, 2407 (*Calif.*, Orange Co., Cent.); Greater Yellow-legs, 517 (*La.*, Sabine Refuge); Lesser Yellow-legs, 278 (*Fla.*, Loxahatchee Refuge); Red Knot, 284 (*Fla.*, Sarasota); Purple Sandpiper, 191 (*R. I.*, Newport Co.); Least Sandpiper, 27,000 (*Calif.*, Salton Sea); Red-backed Sandpiper, 5260 (*Calif.*, Tomales Bay); Dowitcher, 1089 (*Fla.*, Coot Bay); Stilt Sandpiper, 13 (*Tex.*, Laguna Atascosa); Semipalmated Sandpiper, 7790 (*Fla.*, Coot Bay); Western Sandpiper, 10,806 (*Calif.*, Salton Sea); Marbled Godwit, 1065 (*Calif.*, Oakland); Sanderling, 1500 (*Md.*, Ocean City); Am. Avocet, 3188 (*Calif.*, Oakland); Black-necked Stilt, 18 (*Calif.*, San Diego); Red Phalarope, 1 (*Mass.*, Cape Ann; *Fla.*, Cocoa; *Ohio*, Toledo); Pomarine Jaeger, 5 (*Fla.*, Atlantic Ocean off Cocoa Beach); Parasitic Jaeger, 3 (*Fla.*, Atlantic Ocean off Cocoa Beach; *Calif.*, Los Angeles).

Glaucous Gull, 5 (*N. Y.*, Buffalo); Iceland Gull, 9 (*N. Y.*, Buffalo); Glaucous-winged Gull, 10,192 (*Oreg.*, Portland); Great Black-backed Gull, 1546 (*Mass.*, Cape Ann); Western Gull, 2398 (*Calif.*, San Francisco); Herring Gull, 38,190 (*N. Y.*, Staten Is.); California Gull, 1588 (*Calif.*, San Francisco); Ring-billed Gull, 6680 (*Calif.*, Salton Sea); Short-billed Gull, 1395 (*Calif.*, San Francisco); Black-headed Gull, 6 (*Nova Scotia*, Cole Harbour and Halifax); Laughing Gull, 4047 (*Fla.*, Coot Bay); Franklin's Gull, 1 (*Okla.*, Tulsa); Bonaparte's Gull, 5406 (*N. Y.*, Staten Is.); Little Gull, 1 (*Ind.*, Michigan City); Heermann's Gull, 1018 (*Calif.*, Los Angeles); Black-legged Kittiwake, 1650 (*N. Y.*, Montauk); Gull-billed Tern, 82 (*Tex.*, Laguna Atascosa); Forster's Tern, 305 (*Ala.*, Mobile); Common Tern, 23 (*N. C.*, Wilmington); Roseate Tern, 1 (*Fla.*, Coot Bay); Least Tern, 1 (*Fla.*, Jacksonville); Royal Tern, 476 (*Fla.*, Daytona Beach); Cabot's Tern, 4 (*Fla.*, Cocoa and St. Petersburg); Caspian Tern, 381 (*Fla.*, Coot Bay); Black Tern, 1 (*Tex.*, Houston); Black Skimmer, 2305 (*Fla.*, Coot Bay); Razor-billed Auk, 1 (*Mass.*, Cape Cod); Common Murre, 104 (*Wash.*, Seattle); Brünnich's Murre, 1 (*Me.*, Acadia Nat'l Park); Dovekie, 12 (*Mass.*, Cape Ann); Black Guillemot, 4 (*Mass.*, Cape Ann); Pigeon Guillemot, 200 (*Calif.*, Tomales Bay); Marbled Murrelet, 33 (*Wash.*, Seattle); Ancient Murrelet, 106 (*Wash.*, Seattle); Cassin's Auklet, 1 (*Calif.*, San Francisco); Rhinoceros Auklet, 24 (*Calif.*, Monterey).

White-crowned Pigeon, 5 (*Fla.*, Key Largo); Band-tailed Pigeon, 169 (*Calif.*, Yosemite Park); Red-billed Pigeon, 2 (*Tex.*, Santa Ana); Mourning Dove, 3546 (*Ariz.*, Phoenix); Spotted Dove, 216 (*Calif.*, Pasadena); Ringed Turtle Dove, 90 (*Calif.*, Los Angeles); White-winged Dove, 1 (*La.*, New Orleans; *Tex.*, Santa Ana; *Ariz.*, Tucson); Ground Dove, 166 (*Tex.*, Laguna Atascosa); Inca Dove, 185 (*Ariz.*, Phoenix); White-fronted Dove, 16 (*Tex.*, Santa Ana); Yellow-billed Cuckoo, 1 (*Fla.*, Loxahatchee Refuge); Road-runner, 18 (*Calif.*, San Diego); Smooth-billed Ani, 16 (*Fla.*, Key Largo); Groove-billed Ani, 1 (*Tex.*, Laguna Atascosa); Barn Owl, 12 (*Calif.*, Sacramento); Screech Owl, 34 (*Pa.*, Glenolden); Horned Owl, 20 (*Md.*, Ocean City); Snowy Owl, 5 (*S. Dak.*, Sandlake Refuge); Hawk Owl, 1 (*Ont.*, Kirkland Lake and Port Arthur); Pygmy Owl, 5 (*Calif.*, Monterey); Ferruginous Owl, 1 (*Tex.*, Santa Ana); Burrowing Owl, 12 (*Calif.*, Orange Co., Cent.); Barred Owl, 13 (*Fla.*, Coot Bay); Great Gray Owl, 3 (*Oreg.*, Fort Klamath); Long-eared Owl, 14 (*Colo.*, Boulder); Short-eared Owl, 43 (*Okla.*, Fort Gibson); Richardson's Owl, 1 (*Ont.*, Bancroft); Saw-whet Owl, 1 (*Me.*, Webster Corner; *Mass.*, Belmont; *R. I.*, Newport Co.; *N. Y.*, Manhattan, Rochester and Syracuse; *Del.*, Bombay Hook; *Ohio*, Cincinnati; *Ind.*, Mary Gray Sanctuary; *Ill.*, Lisle; *Calif.*, Marysville).

Whip-poor-will, 2 (*Fla.*, Cocoa); Pauraque, 11 (*Tex.*, Laguna Atascosa); White-throated Swift, 108 (*Calif.*, Los Angeles); Ruby-throated Hummingbird, 7 (*Fla.*, Key Largo); Black-chinned Hummingbird, 3 (*Calif.*, San Diego); Costa's Hummingbird, 3 (*Ariz.*, Sierra Pinta); Anna's Hummingbird, 324 (*Calif.*, Los Angeles); Rufous Hummingbird, 3 (*La.*, New Orleans); Belted Kingfisher, 72 (*Fla.*, Cocoa); Green Kingfisher, 1 (*Tex.*, Laguna Atascosa).

Yellow-shafted Flicker, 185 (*Ohio*, Buckeye Lake); Red-shafted Flicker, 553 (*Calif.*, Sacramento); Gilded Flicker, 84 (*Ariz.*, Phoenix); Pileated Woodpecker, 23 (*Fla.*, St. Marks); Red-bellied Woodpecker, 207 (*Mo.*, Weldon Springs); Golden-fronted Woodpecker, 89 (*Tex.*, Santa Ana); Gila Woodpecker, 70 (*Ariz.*, Tucson); Red-headed Woodpecker, 268 (*Ohio*, Buckeye Lake); Acorn Woodpecker, 628 (*Calif.*, Orange Co., N. E.); Lewis's Woodpecker, 20 (*N. Mex.*, Española); Yellow-bellied Sapsucker, 28 (*S. C.*, Charleston); Williamson's Sapsucker, 1 (*Ariz.*, Santa Catalina Mts.; *Calif.*, Big Bear Lake and Marysville); Hairy Woodpecker, 58 (*Md.*, Ocean City); Downy Woodpecker, 368 (*Ohio*, Cincinnati); Ladder-backed Woodpecker, 66 (*Tex.*, Santa Ana);

Nuttall's Woodpecker, 53 (*Calif.*, Sacramento); Red-cockaded Woodpecker, 23 (*N. C.*, Wilmington); White-headed Woodpecker, 8 (*Calif.*, Big Bear Lake); Arctic Woodpecker, 5 (*N. Y.*, Rochester); Three-toed Woodpecker, 1 (*Ont.*, Westport; *Alta.*, Edmonton; *N. Y.*, Rochester).

Eastern Kingbird, 1 (*Fla.*, Coot Bay); Tropical Kingbird, 3 (*Tex.*, Laguna Atascosa); Western Kingbird, 5 (*N. C.*, Wilmington); Cassin's Kingbird, 10 (*Calif.*, Orange Co., N. E.); Scissor-tailed Flycatcher, 10 (*Fla.*, Key West); Derby Flycatcher, 73 (*Tex.*, Santa Ana); Crested Flycatcher, 49 (*Fla.*, Coot Bay); Ash-throated Flycatcher, 4 (*Ariz.*, Sierra Pinta); Eastern Phoebe, 135 (*Fla.*, Cocoa); Black Phoebe, 86 (*Calif.*, Los Angeles); Say's Phoebe, 45 (*Tex.*, Laguna Atascosa); Gray Flycatcher, 1 (*Ariz.*, Imperial); Vermilion Flycatcher, 30 (*Tex.*, Laguna Atascosa); Beardless Flycatcher, 2 (*Ariz.*, Tucson); Horned Lark, 5000 (*Ill.*, Urbana); Violet-green Swallow, 4 (*Calif.*, San Diego); Tree Swallow, 5583 (*Fla.*, Myakka); Rough-winged Swallow, 200 (*La.*, New Orleans); Barn Swallow, 3 (*Calif.*, San Diego); Purple Martin, 2 (*La.*, New Orleans).

Gray Jay, 19 (*Ont.*, Kirkland Lake); Blue Jay, 560 (*N. Y.*, Bronx); Steller's Jay, 372 (*Colo.*, Colorado Springs); Scrub Jay, 432 (*Calif.*, Sacramento); Arizona Jay, 67 (*Ariz.*, Santa Catalina Mts.); Green Jay, 103 (*Tex.*, Santa Ana); American Magpie, 491 (*Colo.*, Jefferson Co.); Yellow-billed Magpie, 1304 (*Calif.*, Sacramento); Common Raven, 68 (*N. Mex.*, Sante Fe); White-necked Raven, 517 (*Tex.*, Santa Ana); Am. Crow, 10,714 (*Ohio*, Youngstown); Northwestern Crow, 1835 (*Oreg.*, Eugene); Fish Crow, 778 (*Fla.*, St. Petersburg); Piñon Jay, 80 (*S. Dak.*, Rapid City); Clark's Nutcracker, 16 (*Colo.*, Idaho Springs).

Black-capped Chickadee, 822 (*Conn.*, Westport); Carolina Chickadee, 1019 (*Ohio*, Cincinnati); Mountain Chickadee, 129 (*Colo.*, Rocky Mountain Nat'l Park); Brown-capped Chickadee, 58 (*Nova Scotia*, Halifax); Chestnut-backed Chickadee, 104 (*Calif.*, Oakland); Tufted Titmouse, 721 (*Ohio*, Cincinnati); Black-crested Titmouse, 58 (*Tex.*, San Antonio); Plain Titmouse, 106 (*Calif.*, Orange Co., N. E.); Bridled Titmouse, 5 (*Ariz.*, Santa Catalina Mts.); Verdin, 89 (*Ariz.*, Phoenix); Common Bush-tit, 818 (*Calif.*, Los Angeles); White-breasted Nuthatch, 180 (*Conn.*, Westport); Red-breasted Nuthatch, 73 (*Wash.*, Spokane); Brown-headed Nuthatch, 153 (*Md.*, St. Michaels); Pygmy Nuthatch, 182 (*Wash.*, Spokane); Brown Creeper, 70 (*Ohio*, Buckeye Lake).

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White-eyed Vireo, 71 (*Fla.*, Coot Bay); Hutton's Vireo, 9 (*Calif.*, Monterey, Oakland and San Jose); Yellow-throated Vireo, 10 (*Fla.*, Coot Bay); Gray Vireo, 2 (*Ariz.*, Sierra Pinta); Solitary Vireo, 23 (*Fla.*, Coot Bay); Philadelphia Vireo, 13 (*Tex.*, Santa Ana); Black and White Warbler, 102 (*Fla.*, Coot Bay); Worm-eating Warbler, 2 (*Fla.*, Coot Bay); Orange-crowned Warbler, 81 (*Tex.*, Laguna Atascosa); Nashville Warbler, 11 (*Tex.*, Santa Ana); Parula Warbler, 38 (*Fla.*, Coot Bay); Sennett's Warbler, 1 (*Tex.*, Santa Ana); Yellow Warbler, 1 (*Fla.*, Coot Bay); Cape May Warbler, 1 (*N. Y.*, So. Nassau Co.; *Ohio*, Brecksville); Black-throated Blue Warbler, 1 (*Fla.*, Loxahatchee Refuge); Myrtle Warbler, 7300 (*N. J.*, Cape May); Audubon's Warbler, 2804 (*Calif.*, Los Angeles); Black-throated Gray Warbler, 4 (*Tex.*, Santa Ana); Townsend's Warbler, 17 (*Wash.*, Seattle); Black-throated Green Warbler, 1 (*Fla.*, Cocoa; *Tex.*, Santa Ana); Blackburnian Warbler, 1 (*Tex.*, Santa Ana); Yellow-throated Warbler, 40 (*Fla.*, Coot Bay); Chestnut-sided Warbler, 1 (*Tex.*, Santa Ana); Pine Warbler, 123 (*Ala.*, Dauphin Is.); Prairie Warbler, 109 (*Fla.*, Coot Bay); Palm Warbler, 288 (*Fla.*, Coot Bay); Oven-bird, 4 (*Fla.*, Cocoa and Coot Bay); Northern Water-thrush, 4 (*Fla.*, Lower Keys); Louisiana Water-thrush, 1 (*Ohio*, Portsmouth; *Tex.*, Laguna Atascosa); Common Yellowthroat, 284 (*Fla.*, Coot Bay); Yellow-breasted Chat, 4 (*N. Y.*, So. Nassau Co.; *Mass.*, Cape Cod; *Fla.*, Coot Bay); Black-capped Warbler, 15 (*Calif.*, San Diego); Am. Redstart, 4 (*Fla.*, Coot Bay).

House Sparrow, 104,158 (*Ariz.*, Phoenix); European Tree Sparrow, 1 (*Mo.*, Weldon Springs); Bobolink, 30 (*N. C.*, Wilmington); Eastern Meadowlark, 3082 (*Md.*, Ocean City); Western Meadowlark, 2737 (*Calif.*, Sacramento); Yellow-headed Blackbird, 19,067 (*Ariz.*, Phoenix); Red-

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winged Blackbird, 4,500,000 (*Tenn.*, Reelfoot Lake); Tri-colored Blackbird, 301 (*Calif.*, Contra Costa Co.); Orchard Oriole, 1 (*Fla.*, St. Petersburg); Audubon's Oriole, 10 (*Tex.*, Santa Ana); Hooded Oriole, 2 (*Tex.*, Laguna Atascosa; *Calif.*, Orange Co., Cent.); Baltimore Oriole, 4 (*Md.*, St. Michaels); Bullock's Oriole, 1 (*Mass.*, Ware; *R. I.*, Newport Co.; *Tex.*, Welder); Alta Mira Oriole, 4 (*Tex.*, Santa Ana); Rusty Blackbird, 8550 (*Ga.*, Rome); Brewer's Blackbird, 24,318 (*Calif.*, Sacramento); Boat-tailed Grackle, 3300 (*Tex.*, San Antonio); Purple Grackle, 800,000 (*Del.*, Middletown); Brown-headed Cowbird, 150,000 (*Tenn.*, Memphis); Bronzed Cowbird, 4 (*Calif.*, Chico); Western Tanager, 2 (*N. Y.*, Brooklyn).

Cardinal, 1246 (*Ohio*, Cincinnati); Pyrrhuloxia, 99 (*Tex.*, Midland); Rose-breasted Grosbeak, 1 (*Mass.*, Belmont; *Tex.*, Santa Ana); Black-headed Grosbeak, 5 (*Calif.*, Orange Co., N. E.); Indigo Bunting, 2 (*Fla.*, Cocoa and Key West); Lazuli Bunting, 2 (*Ariz.*, Phoenix); Painted Bunting, 52 (*Fla.*, Cocoa); Dickcissel, 4 (*Ariz.*, Phoenix); Evening Grosbeak, 230 (*Minn.*, Walker); Purple Finch, 262 (*Oreg.*, Portland); Cassin's Finch, 125 (*Oreg.*, Fort Klamath); House Finch, 3700 (*Calif.*, Los Angeles); Sharpe's Seedeater, 2 (*Tex.*, Laguna Atascosa); Pine Grosbeak, 316 (*Ont.*, Port Arthur); Gray-crowned Rosy Finch, 315 (*Wyo.*, Rawlins); Black Rosy Finch, 3 (*Colo.*, Idaho Springs); Brown-capped Rosy Finch, 208 (*Colo.*, Jefferson Co.); Common Redpoll, 206 (*Que.*, Quebec); Pine Siskin, 243 (*Calif.*, Redlands); Am. Goldfinch, 1389 (*Ga.*, Dalton); Lesser Goldfinch, 539 (*Calif.*, San Jose); Lawrence's Goldfinch, 65 (*Calif.*, Orange Co., N. E.); Red Crossbill, 142 (*Me.*, Acadia Nat'l Park); White-winged Crossbill, 118 (*Ont.*, Kirkland Lake).

Texas Sparrow, 37 (*Tex.*, Santa Ana); Green-tailed Towhee, 14 (*Tex.*, Laguna Atascosa); Eastern Towhee, 253 (*N. C.*, Wilmington); Spotted Towhee, 207 (*Calif.*, Orange Co., N. E.); Brown Towhee, 1058 (*Calif.*, Los Angeles); Abert's Towhee, 85 (*Ariz.*, Phoenix); Lark Bunting, 2758 (*Tex.*, Midland); Ispwich Sparrow, 8 (*N. C.*, Wilmington); Savannah Sparrow, 4585 (*Calif.*, Sacramento); Grasshopper Sparrow, 14 (*Fla.*, Cocoa); Baird's Sparrow, 4 (*Tex.*, El Paso); Leconte's Sparrow, 34 (*Ark.*, Lonoke); Henslow's Sparrow, 6 (*S. C.*, Charleston), Sharp-tailed Sparrow, 25 (*Fla.*, Cocoa); Seaside Sparrow, 45 (*La.*, Sabine Refuge); Vesper Sparrow, 975 (*Tex.*, Carrizo Springs); Lark Sparrow, 457 (*Calif.*, Orange Co., N. E.); Rufous-winged Sparrow, 4 (*Ariz.*, Tucson); Rufous-crowned Sparrow, 23 (*Calif.*, Orange Co., N. E.); Pine-woods Sparrow, 4 (*Fla.*, St. Marks); Botteri's Sparrow, 1 (*Tex.*, Laguna Atascosa); Cassin's Sparrow, 16 (*Tex.*, Laguna Atascosa); Black-throated Sparrow, 61 (*Ariz.*, Tucson); Sage Sparrow, 182 (*Ariz.*, Phoenix); White-winged Junco, 31 (*S. Dak.*, Rapid City); Slate-colored Junco, 2531 (*Md.*, Annapolis); Oregon Junco, 2283 (*Oreg.*, Portland); Gray-headed Junco, 368 (*Colo.*, Colorado Springs); Arizona Junco, 2 (*Tex.*, El Paso); Am. Tree Sparrow, 3452 (*Mo.*, Weldon Springs); Chipping Sparrow, 386 (*S. C.*, Columbia);

Clay-colored Sparrow, 148 (*Tex.*, Laguna Atascosa); Brewer's Sparrow, 140 (*Ariz.*, Tucson); Field Sparrow, 799 (*Md.*, Ocean City); Black-chinned Sparrow, 2 (*Ariz.*, Santa Catalina Mts.); Harris's Sparrow, 726 (*Tex.*, Denton); White-crowned Sparrow, 7535 (*Calif.*, Sacramento); Golden-crowned Sparrow, 913 (*Calif.*, Sacramento); White-throated Sparrow, 3834 (*Md.*, Ocean City); Fox Sparrow, 607 (*Calif.*, Orange Co., N. E.); Lincoln's Sparrow, 99 (*Tex.*, Houston); Swamp Sparrow, 492 (*La.*, St. Francisville); Song Sparrow, 884 (*Oreg.*, Portland); McCown's Longspur, 900 (*Tex.*, Denton); Lapland Longspur, 1500 (*Ill.*, Urbana); Smith's Longspur, 109 (*Ark.*, Fort Smith); Chestnut-collared Longspur, 985 (*N. Mex.*, Bosque del Apache); Snow Bunting, 561 (*N. Dak.*, Des Lacs Refuge).

CHRISTMAS BIRD COUNT RULES

READ CAREFULLY!

REPORTS NOT ADHERING TO RULES WILL BE REJECTED

1. **Report forms supplied by Audubon Field Notes must be used.** Any other presentation will be returned. If a compiler has not received a form one month before count week, he should request one.

2. **These forms will be used by the printer.** You are submitting a manuscript so do a neat and careful job. After each species positively identified indicate the number of individuals recorded. Do not include birds found dead. Then, using a **red** pencil, draw a heavy line through each species not recorded. **Type, or print clearly,** indicating distinctly letters to be capitalized—this is especially important in the introductory, descriptive material. Condense introductory material as much as clarity permits and **place information in the correct space allotted in the form.**

3. **A count area must fill (preferably) or fit within a 15-mile diameter circle.** Compilers should recheck areas as the editor must reject any exceeding the prescribed limits.

4. Counts must be made during the period as announced each year in **Audubon Field Notes** and must cover only one calendar day. Reports not reaching the National Audubon Society, 1130 Fifth Avenue, New York 28, New York, by January 15th cannot be accepted.

5. Dawn to dusk or longer counts are preferred and **those of less than 8 hours duration (except in Arctic areas or on pelagic counts) will not be printed.**

6. Birds whose occurrence is of special interest should be underscored with a wavy line to indicate boldface type. Should abundance be the noteworthy item underscore only the number recorded. If birds unusual for your area around Christmas are reported, **a sheet must accompany the report giving satisfactory details of such observations.**

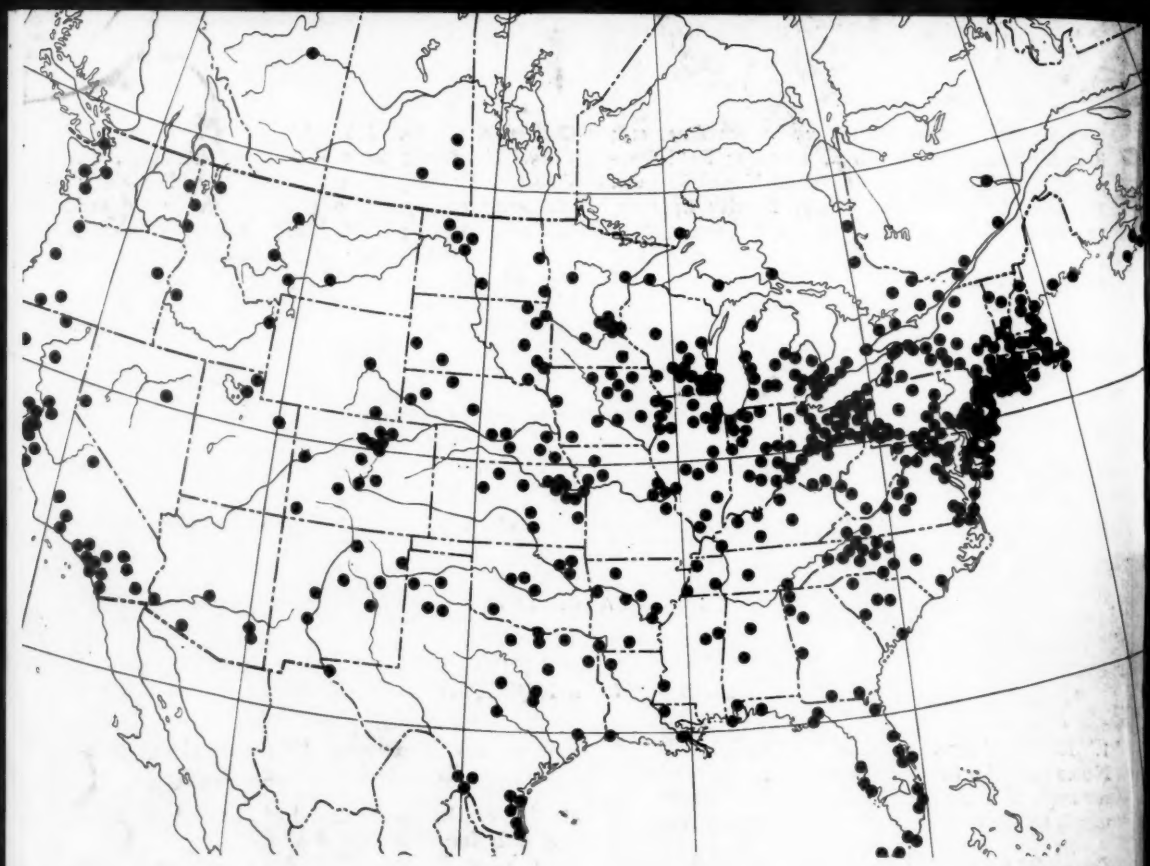
7. The ruled lines at the end of the form are to be used **only** for:

   1. Species not seen on count day but during official count period (list species **in correct checklist order.** Do not list dates or numbers).
   2. All participants **who have paid their $.50 fee listed alphabetically.** Do **not** place addresses here—a separate sheet listing all participants and addresses is required for Audubon House files.

8. Do not initiate a new count in an area near one already established (established counts have priority). Preferably help a nearby group make a more thorough count. Compilers of established counts should check neighboring ones to make sure there is no duplication of territory covered. **The editor must reject counts where overlapping occurs.**

9. Before starting a report, it is suggested that the compiler **place the preceding issue of the Christmas Bird Count before him and use it as a guide.** Before mailing the form, recheck to make sure everything is correct and no items omitted. Please **double-check** your addition of (1) number of species seen; (2) number of individual birds seen; (3) number of persons participating in the count.

10. Because of skyrocketing costs, **Audubon Field Notes** finds it necessary to ask every observer to pay an entry fee of $.50 (fifty cents) for each count in which he participates. It is the compiler's responsibility to send in with his report $.50 (fifty cents) for each participant whose name is listed at the end of the count.



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